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COMPLIMENTS
OF
CITY OF MINNEAPOLIS.

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ANNUAL REPORTS
OF THE
VARIOUS CITY OFFICERS
OF THE
CITY OF MINNEAPOLIS



FOR THE YEAR 1891.

MINNEAPOLIS:
HARRISON & SMITH, PRINTERS.
1892.

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1948-1949

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HISTORICAL.

In 1838 Franklin Steele erected his claim shanty on the eastern shore of the Mississippi river, opposite the falls of St. Anthony. Seven years later, or in 1845, the first permanent house was erected in St. Anthony by Pierre Bottineau. The same year the city of St. Anthony was incorporated, and Hon. H. T. Welles (still living), elected the first mayor.

In 1849 the western shore of the Mississippi at the falls was a military reservation, and hence settlement was not permitted. But at the session of congress of that year two ex-soldiers of the Mexican war, Hon. Robert Smith of Illinois, and Col. John H. Stevens, were, by special act, allowed to make settlement on the reserve, and the former located his claim so as to take in the falls, while the latter built his house on the hillside where the Union Depot now stands, and near the spot where the western end of the suspension bridge was to terminate four or five years afterwards.

In 1854 the act was passed and became a law, throwing open to settlement the reservation west of the Mississippi river, and the "squatters" were allowed to purchase the lands upon which they had settled at the uniform government price of \$1.25 per acre. At the election that year seventy-five votes were cast, and the population was estimated at two hundred. In the fall of the same year the town was christened, the name "Minneapolis" having been suggested by Mr. Charles Hoag, a gentleman who lived to a ripe old age in the vicinity of this city, dying in March, 1888.

In 1854 the city of Minneapolis (west division) was platted, and before the close of that year boasted of a permanent population of 1,000 people. In 1857 the population had increased to about 2,000, and there was a tremendous rivalry between the two hamlets (St. Anthony and Minneapolis). In 1858 Minneapolis was vested with its first town or village government, but did not assume the responsibility of a full grown municipality until 1867.

Minneapolis and St. Anthony were rivals for commercial and manufacturing supremacy for more than twenty years, but finally in 1873 joined their fortunes under one name and one municipal government, and have since been known to the world as the progressive city of Minneapolis, with an area of 53 square miles, or 33,920 acres, with 1,500 acres of parks, with 2,345 miles of paved alleys, with 31.552 miles of cedar block street paving, with 177.177 miles of water mains, with 4.3 miles of granite block street paving, with 1.4 miles of asphalt street paving, with 101.29 miles of curbing, with 98.9 miles of sewer, with 50 public school buildings and an enrollment of 23,000 school children, with a population of 164,738, with 52,000 voters in 1890, with an assessed valuation of \$138,000,000, and a banking capital of \$9,000,000.

SUMMARY CITY OFFICERS.

OFFICERS.	Elected April 5, 1881—Roman. Hold overs in Italo.	Elected April 4, 1882—Roman. Hold overs in Italo.	Elected April 3, 1883—Roman. Hold overs in Italo.	Elected April 1, 1884—Roman. Hold overs in Italo.
Mayor.....	A. C. Bond.....	A. A. Ames.....	A. A. Ames.....	G. A. Pillsbury.
Comptroller.....	Wm. B. Hill.....	Wm. B. Hill.....	Wm. B. Hill.....	Sam. Goodnow..
City Treasurer.....	T. J. Buxton.....	T. J. Buxton.....	T. J. Buxton.....	T. J. Buxton....
City Clerk.....	Selah Mathews.....	Selah Mathews.....	Selah Mathews.....	Selah Mathews...
City Attorney.....	R. C. Benton.....	C. H. Benton.....	C. H. Benton.....	Judson N. Cross
City Engineer.....	Andrew Binker.....	Andrew Binker.....	Andrew Binker.....	Andrew Binker
Ald. 1st ward.....	M. W. Glenn.....	Anton Grethen.....	B. F. Nelson.....	M. W. Glenn....
	Anton Grethen.....	B. F. Nelson.....	M. W. Glenn.....	E. F. Comstock..
Ald. 2d ward.....	B. F. Nelson.....	M. W. Glenn.....	E. F. Comstock..	John Fleetham..
	J. H. Gilmore.....	W. M. Barrows.....	T. F. Andrews.....	C. A. Coe.....
Ald. 3d ward.....	W. M. Barrows.....	T. F. Andrews.....	C. A. Coe.....	E. M. Johnson....
	T. F. Andrews.....	C. A. Coe.....	E. M. Johnson....	F. C. Barrows...
Ald. 4th ward ..	J. W. Anderson.....	Mathias Kees.....	Daniel Watt.....	E. Eichhorn.....
	Mathias Kees.....	Daniel Watt.....	E. Eichhorn.....	Chas. Hushow...
	Daniel Watt.....	E. Eichhorn.....	Chas. Hushow...	Robert Pratt....
Ald. 4th ward ..	Frank Boels.....	F. S. Gilson.....	G. S. Cleveland.....	H. C. Morse.....
	F. S. Gilson.....	G. S. Cleveland.....	H. C. Morse.....	*F. L. Greenleaf..
	G. S. Cleveland.....	Henry C. Morse.....	F. L. Greenleaf..	†Emerson Oole..
Ald. 5th ward.	J. M. Parker.....	Fred L. Smith.....	C. W. Clark.....	William W. Sly..
	Fred L. Smith.....	C. W. Clark.....	Jas. M. Parker.....	†S. C. Cutter.....
	C. W. Clarke.....	Jas. M. Parker.....	*G. A. Pillsbury..	Jas. M. Parker...
Ald. 6th ward....	Joseph Holscher.....	Matt Walsh.....	A. C. Haugan.....	C. W. Clark.....
	Matt Walsh.....	A. C. Haugan.....	Joseph Holscher.....	Joseph Holscher..
Ald. 7th ward.....	A. C. Haugan.....	Jos. Holscher.....	Matthew Walsh.....	Matthew Walsh...
			N. H. Roberts(2).....	A. C. Haugan....
			A Noerenberg(3).....	N. H. Roberts...
Ald. 8th ward.....			S. P. Channel(2).....	A J Noerenberg
			A. Lawrence(3).....	†S. P. Channel(2)
				†Geo. W. Cooley..
Ald. 9th ward.....				Albert Lawrence..
Ald. 10th ward.....				
Ald. 11th ward.....				
Ald. 12th ward.....				
Ald. 13th ward ..				

SUMMARY OF CITY OFFICERS.

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1881 TO 1891.

Elected April 7, 1885 - Roman Hold overs in Italic	Elected April 6, 1886 - Roman Hold overs in Italic	Elected April 6, 1887 - Roman Hold overs in Italic	Elected Nov 6, 1888 - Roman	Elected Nov 4 1890 - Roman. Hold overs Italic
Geo A Pillsbury Sam Goodwin E H Moulton Selah Mathews Judson N Cross Andrew Rinker E. F. Connabach John Fleetham Titus Mareck E M Johnson F C Barrows D M Clough Chas Hildner Robert Pratt E. Eichhorn Emerson Cole W W Sly	A. A. Ames... F. G. Holbrook E. H. Moulton... Selah Mathews Judson N Cross Andrew Rinker John Fleetham Titus Mareck E J L Herault F C Barrows D M Clough E M Johnson Robert Pratt E. Kishburn (a) W. H. Mills W. W. Sly H C Morse	A. A. Ames F G Holbrook E. H. Moulton... C A Cornman Seagrave Smith Andrew Rinker Titus Mareck E J L Herault O. A. Hanscome D M Clough E M Johnson F C Barrows W. H. Mills John A. Gillman Wm McArdle H C Morse B. Cloutier Emerson Cole... Thos. Downs Alonzo Phillips C W Clark Jacob Stoff... J M. Glenson. Clar Johnson E. T. Gibson Thos P Dwyer A. J. Noerenb'rg Geo. W. Cooley A Lawrence O. A. Stoneman Robert Ervin John Kerr Herman Vogt Vincent Reeves Henry Oswald Lars Swenson J. D. Muldoon J L Johnson... Caleb Tingley J. L. Parker C. C. Garvey A. F. Nichols	E C Babb John F Calderw'd E H Moulton. Chas F. Haney Robt D Russell Andrew Rinker J T. McGowan (4) J. Ingenhutt (2)... F Brueshaber, Jr (2) E M. Johnson (4) F C Barrows (2) V M Smith (2) G A Durum (4) C P Enstad (2) J. A. Gillman (3)... E G. Potter (4)... Emerson Cole (2) S B Loye (2)... C P Lovell (4) H W Brazie (2)... Thos. Downs (2)... Sam'l Hunter (4)... C. Elingsen (2) J A Swanson (2) J H Parry (4) J M Meloy (2) Ole P. Flaten (3)... Melvin Grimes (4) J C Sterling (2) D G Thompson (2) J H Bradish (4)... Erik Rhode (2)... Herman Vogt (2)... Vincent Reeves (4) W. J. Burzell (2)... B. H. Billings (2) J. A. Bluchfeldt (4) J W Phillips (2) O A. Fultz (2) W B Woodward (2) J. E Vandew'ker (2) A. S. Adams (2)... D D Farnsworth (4) G. H. Warren (3)... J S. Gray (2)	Phillip B. Winston. Solon Armstrong Kris'n Kortgaard. Chas F Haney Robt D Russell. Andrew Rinker Jos. Ingenhutt (4). J. T. McGowan Jas C. Haynes (4) F C Barrows (2) Jos. L. Kiehl (4) Geo. A. Durum E. G. Potter Sam'l B. Loye (4) Chas F. Lovell. H. W. Brazie (4) Sam'l Hunter Lars M Rand (4) J. H. Parry M B. Rollins (4) (d) Melvin Grimes. G W. Flanders (4). J H. Bradish J J McGuire (4). Vincent Reeves F. A. Schwartz (4) J. A. Bluchfeldt. Wm H. Lackey (4) W B Woodward (d) Geo. Peterson (4) D. D. Farnsworth J S. Gray (4)

*Elected mayor April 1, 1884, resigned as alderman, of Fifth ward April 2, 1884

†Resigned Feb 25, 1884. ‡Elected March 15, 1884 §Resigned Feb. 27, 1884

(Elected March 15, 1884. †Elected at special election held April 19, 1884, to fill vacancy occasioned by the resignation of Geo. A. Pillsbury

(a) Resigned March 10, 1887, to take effect March 25, 1887 (b) By act of legislature transferred to the Eleventh ward for the unexpired part of his term (c) Died Aug. 18, 1889, and Dr F E Hansen elected Sept 10, 1889, to fill the unexpired term of D G Thompson (d) By act of legislature changing boundary lines of the Seventh and Twelfth wards, Wm B Woodward was made to represent the Seventh ward and M B Rollins to represent the Twelfth ward

Figures in parentheses, after names thus (2), denote the number of years in term By an act of legislature the term of all city officers holding over, and all those elected April 5, 1887, expired on the first Monday in January 1889 Term of all officers elected Nov 6, 1888, to commence on the first Monday in January, 1889 City Clerk City Engineer and City Attorney are appointed by the City Council for two years

ELECTION OF ALDERMEN.

AN ACT, to amend Section One, Chapter Two of the Charter of the City of Minneapolis, enacted by the Legislature of the State of Minnesota, and approved April 3rd, A. D. 1889.

SECTION 1. The elective officers of the City of Minneapolis shall be a Mayor, a Treasurer, a Comptroller, members of the City Council and the members of such other boards as this Charter shall create and declare to be elective officers of the city.

The City Council shall consist of three (3) aldermen from each ward in the city until the first (1st) Monday in January, one thousand eight hundred and ninety-one (1891), and thereafter shall consist of two (2) aldermen from each ward, to be elected by the qualified voters in their respective wards.

The aldermen shall each hold office for the term of four (4) years from and after the first (1st) Monday in January next following his election. *Provided* that the aldermen who were elected at the general election held in November, one thousand eight hundred and eighty-eight (1888) and qualified under such election, shall continue in office until the expiration of the term for which they were elected.

At the general election to be held in November, one thousand eight hundred and ninety (1890), and at each general election held every two years thereafter, there shall be elected one (1) alderman from each ward, to serve for the term of four (4) years from the first (1st) Monday in January, next following his election.

CITY OFFICERS, 1891.**ELECTIVE.**

PHILIP B. WINSTON,	-	-	Mayor.
KRISTIAN KORTGAARD,	-	-	Treasurer.
SOLON ARMSTRONG,	-	-	Comptroller.
CHAS. B. ELLIOTT,	-	-	*Municipal Judge.
STEPHEN MAHONEY,	-	-	Special Municipal Judge.
ELIJAH BARTON,	-	-	Justice of the Peace, East District.
WILLIAM H. MILLS,	-	-	Justice of the Peace, North District.
JOHN J. McHALE,	-	-	Justice of the Peace, South District.

*Appointed by the Governor to fill the unexpired term of Geo. D. Emery, resigned.

CITY COUNCIL.**OFFICERS OF COUNCIL.**

E. G. POTTER,	-	-	-	-	-	-	President.
JAMES S. GRAY,	-	-	-	-	-	-	Vice President.
CHAS. F. HANEY,	-	-	-	-	-	-	Clerk.

ALDERMEN.

JOHN T. MCGOWAN, JOSEPH INGENHUTT,	-	-	First Ward.
F. C. BARROWS, JAMES C. HAYNES,	-	-	Second Ward.
GEORGE A. DURNAM, JOSEPH L. KIICHLI,	-	-	Third Ward.
E. G. POTTER, S. B. LOYE,	-	-	Fourth Ward.
CHAS. P. LOVELL, H. W. BRAZIE,	-	-	Fifth Ward.
SAM'L HUNTER, LARS M. RAND,	-	-	Sixth Ward.
JOHN H. PARRY, MORTIMER B. ROLLINS	-	-	Seventh Ward.
MELVIN GRIMES, GEO. W. FLANDERS,	-	-	Eighth Ward.
JAMES H. BRADISH, JOHN J. MCGUIRE,	-	-	Ninth Ward.
VINCENT REEVES, FRED. A. SCHWARTZ,	-	-	Tenth Ward.
JOHN A. BLICHFELDT, WM. H. LACKEY,	-	-	Eleventh Ward.
WM. B. WOODWARD, GEORGE PETERSON,	-	-	Twelfth Ward.
D. D. FARNSWORTH, JAMES S. GRAY,	-	-	Thirteenth Ward.

APPOINTIVE.

ROBT. D. RUSSELL,	-	-	-	City Attorney.
CHAS. F. HANEY,	-	-	-	City Clerk.
J. C. PLUMMER,	-	-	-	City Assessor.
ANDREW RINKER,	-	-	-	City Engineer.
CHAS. A. CHASE,	-	-	-	City Physician.
AUGUST H. RUNGE,	-	-	-	Chief Engineer Fire Department.
†R. R. HENDERSON,	-	-	-	Superintendent of Police.
E. S. KELLEY, M. D.,	-	-	-	Commissioner of Health.
JOHN M. HAZEN,	-	-	-	Inspector of Buildings.
D. T. DAVIES,	-	-	-	Inspector of Meats.
JOHN M. MELOY,	-	-	-	Inspector of Street Lights.
FRANK T. MOODY,	-	-	-	Registrar of Water Works.
A. G. MOSHER,	-	-	-	Sealer of Weights and Measures.
C. L. SNYDER,	-	-	-	Superintendent of the Poor.
JOHN WEST,	-	-	-	Superintendent of the Workhouse.
J. H. McCONNELL,	-	-	-	Supervisor of Water Works.

†Appointed by the Mayor, confirmed by the Council.

STREET COMMISSIONERS.

F. BRUESHABER, JR.,	-	-	-	-	-	First Ward.
JOHN BROWN,	-	-	-	-	-	Second Ward.
HUGH WILSON,	-	-	-	-	-	Third Ward.
ROBERT McMULLEN,	-	-	-	-	-	Fourth Ward.
J. M. COLE,	-	-	-	-	-	Fifth Ward.
E. NEWMAN,	-	-	-	-	-	Sixth Ward.
E. J. JONES,	-	-	-	-	-	Seventh Ward.
JAS. S. TRIPP,	-	-	-	-	-	Eighth Ward.
CHAS. A. CARLSON,	-	-	-	-	-	Ninth Ward.
W. R. MEDCALF,	-	-	-	-	-	Tenth Ward.
OLAF DAMM,	-	-	-	-	-	Eleventh Ward.
WM. A. MARR,	-	-	-	-	-	Twelfth Ward.
F. H. INGALLS,	-	-	-	-	-	Thirteenth Ward.

The Street Commissioners are appointed by the City Council for a term of one year.

STANDING COMMITTEES OF THE CITY COUNCIL.

Ways and Means—Lovell, Barrows, Reeves, McGowan, Rollins.

Salaries—Durnam, Parry, Blichfeldt, McGuire, Ingenhutt.

Claims—Gray, Loye, Reeves, Ingenhutt, Lackey.

Taxes—Lovell, Bradish, Grimes, Parry, Haynes.

Licenses—Flanders, Woodward, Parry, Rand, McGuire.

Accounts of City Officers—Flanders, Bradish, Brazie, Rand, Peterson.

Public Grounds and Buildings—Loye, Barrows, Flanders, Lackey, Rand.

Bonds of City Officers—Hunter, Reeves, Lovell, Rollins, Kiichli.

Roads and Bridges—Bradish, Lovell, Loye, Woodward, Haynes.

Street Grades and Additions—Hunter, Farnsworth, Grimes, Peterson, McGowan.

Fire Department—Woodward, Flanders, Farnsworth, McGowan, Schwartz.

Water Works—Barrows, Durnam, Lovell, Farnsworth, Schwartz.

Gas—Parry, Durnam, Farnsworth, Schwartz, Haynes.

Sewers—Grimes, Durnam, Parry, Haynes, McGuire.

Markets—Gray, Reeves, Hunter, Ingenhutt, Peterson.

Printing—Farnsworth, Blichfeldt, Woodward, Kiichli, Ingenhutt.

Railroads—Durnam, Barrows, Grimes, Woodward, McGowan.

Police—Farnsworth, Flanders, Blichfeldt, Kiichli, Rand.

Health and Hospitals—Brazie, Gray, Schwartz.

Cancellation—Woodward, Hunter, Blichfeldt, McGuire, Rollins.

Ordinances—Bradish, Barrows, Lackey.

Rules—Brazie, Bradish, Peterson.

Workhouse—Reeves, Brazie, Gray, Rollins, McGowan.

Paving—Blichfeldt, Flanders, Loye, Parry, Kiichli.

Bethany Home—Parry, Loye, Haynes.

Underground Wires—Grimes, Durnam, Hunter, Rollins, McGuire.

Supervisors of the Poor—Ingenhutt, Barrows, Kiichli, Loye, Brazie, Hunter, Parry, Flanders, Bradish, Schwartz, Lackey, Peterson, Gray.

Legislation—Bradish, Lovell, Barrows, Grimes, Rand, Haynes McGowan.

SALARIES FIXED BY THE LEGISLATURE.

	Per Annum
Mayor.	2,000.00
Aldermen.....	500.00
City Clerk (he to turn into the city treasury all fees received by "public law;" the city to pay all clerk hire)	3,100.00
Municipal Judges.....	3,000.00
Clerk, Municipal Court	1,800.00
Deputy Clerks.....	1,000.00
Stenographer	1,200.00

SALARIES FIXED BY CITY COUNCIL.

SCHEDULE OF SALARIES FOR 1891-1892

	Per Annum.
City Attorney	\$4,500.00
First Assistant City Attorney.....	1,500.00
Second Assistant City Attorney.....	1,200.00
Third Assistant city Attorney.....	1,200.00
City Treasurer (treasurer makes no return of interest, to be paid for extra help, subject to the approval of the Council)	1,200.00
Teller, City Treasurer.....	1,200.00
Cashier, pay wagon	1,200.00
Bookkeeper, City Treasurer.....	800.00
City Comptroller	3,100.00
Assistant City Comptroller	1,500.00
Assistant City Clerk.....	1,320.00
Chief Clerk, City Clerk's office	1,320.00
Entry Clerk, City Clerk's office.....	960.00
City Assessor	2,500.00
Assistants, per day	3.50
Inspector of Buildings.....	2,000.00
Three assistants at \$1,000 per annum.....	3,000.00
One assistant (Plumbing Inspector).....	1,180.00
Clerk, Inspector of Buildings.....	600.00
Inspector of Electric Wires	1,500.00
Inspector of Meats.....	1,500.00
Assistant Inspector of Meats	1,200.00
City Physician.....	1,500.00
Assistant City Physician.....	900.00
Thirteen Street Commissioners, at \$900 each.....	13,700.00
Matron City Hospital.....	600.00
City Weigher	720.00
Poundmasters, each.....	500.00
Engineer City Hall	1,000.00
(And \$15.00 per month for electric and steam work.)	
Assistant Engineer City Hall	800.00

Fireman	\$ 600.00
Elevator Attendant.....	720.00
Mayor's Secretary.....	600.00
Janitor Municipal Court.....	480.00
Inspector of Street Lights	1,160.00
Janitor City Hall	1,300.00
(And \$200.00 per year for extra help.)	
Watchman steel arch bridge.....	600.00
Assistant Watchman steel arch bridge.	500.00
Watchman Plymouth avenue bridge.....	500.00
Watchman Twentieth avenue north bridge.....	500.00
Watchman Franklin avenue bridge.....	500.00
Watchman Tenth avenue south bridge.....	500.00
Watchman Washington avenue south bridge	500.00

CITY ENGINEER'S DEPARTMENT.

City Engineer.....	4,500.00
Assistant City Engineer.....	1,800.00
Sewer Engineer.....	1,900.00
Bridge Engineer	2,000.00
Street Engineer.....	1,500.00
Water Work's Engineer.....	1,500.00
Draughtsman (Water Works).....	840.00
Chief Clerk, per month.....	115.00
Assessment Clerk, per month.....	75.00
Assistant Sewer Engineer, per month.....	95.00
Sewer Department Clerk, per month.....	75.00
Bookkeeper, per month.....	100.00
Sidewalk Superintendent, per month.....	85.00
Transit men, per month	\$90.00 to 115.00
Levelmen, per month	75.00 to 90.00
Draughtsmen, per month.....	75.00 to 85.00
Rodmen and chainmen, per day.....	2.25 to 2.50

FIRE DEPARTMENT.

Chief Engineer.....	3,000.00
First Assistant Chief Engineer	1,800.00
Second Assistant Chief Engineer.....	1,500.00
Superintendent Fire Alarm.....	1,680.00
Master Mechanic	1,320.00
Linemen.....	900.00
Superintendent of Horses.....	1,380.00
Engineers of Steamers	1,200.00
Captains.....	1,020.00
Assistant Engineers of Steamers.....	900.00
Lieutenants.....	900.00
Pipemen, truckmen and drivers, first class.....	900.00
Pipemen, truckmen and drivers, second class.....	840.00
Secretary, per month.....	80.00
Assistant Secretary, per month.....	55.00

WATER WORKS DEPARTMENT.

Supervisor Water Works.....	1,500.00
Registrar Water Works.....	2,000.00
Cashier	1,000.00
Clerk	900.00
Meter Inspector	840.00
Clerk.....	780.00
Inspectors	840.00
Street Foremen.....	1,500.00

SALARIES.

15

Hydrantmen.....	\$ 800.00
Engineer, Station No. 1.....	1,000.00
Engineer, Station No. 2.....	1,000.00
Engineer, Station No. 3.....	1,800.00
Two Assistants, each	1,200.00
Oilers.....	840.00

HEALTH DEPARTMENT.

Commissioner of Health.....	2,500.00
Three Medical Inspectors, each.....	1,000.00
Six Sanitary Inspectors, each.....	1,000.00
One Sanitary Inspector and Chief Clerk	900.00
Registrar	600.00
Dump Keepers, per month.....	45.00
Superintendent Quarantine Hospital.....	600.00

WORK HOUSE.

Superintendent.....	1,500.00
Engineer, per month.....	85.00
Assistant Engineer, per month.....	45.00
Hall Master and Bookkeeper, per month.....	45.00
Guards, each per month	45.00
Driver, per month.....	45.00
Night Watchman, per month.....	45.00
Cook, per month.....	60.00
Matron, per month.....	30.00
Deputy Superintendent, per month.....	85.00
Superintendent of Poor.....	1,800.00
Clerk, Superintendent of Poor.....	1,200.00

ANNUAL REPORT
CITY COMPTROLLER,
1891.

CITY COMPTROLLER'S DEPARTMENT.

SOLON ARMSTRONG,
City Comptroller.

JOSHUA ROGERS,
Ass't City Comptroller.

CITY COMPTROLLER'S OFFICE, }
MINNEAPOLIS, Minn., Jan. 8th, 1892. }

To the Honorable City Council, Minneapolis, Minn.

GENTLEMEN:—In compliance with section 16, chapter 3, of the city charter, I herewith submit a statement of the condition of the several funds on January 1st, 1892, and also statements showing receipts and disbursements during the fiscal year, ending December 31st, 1891.

Respectfully submitted,

SOLON ARMSTRONG,

City Comptroller.

STATEMENT IN DETAIL
OF
ESTIMATES AND APPROPRIATIONS

FOR MAINTAINING THE VARIOUS DEPARTMENTS OF THE CITY OF MINNEAPOLIS FOR THE YEAR ENDING DECEMBER 31, 1892.

MINNEAPOLIS, August 28, 1891.

To the Honorable City Council:

GENTLMEN:—In accordance with section 8, chapter 5, of the charter, I herewith submit to your honorable body the estimates as submitted to me by the heads of the various departments of the city for the current expenses of the ensuing fiscal year commencing Jan. 1, 1892, also a statement of the amount of all revenues received by the city for the year ending on the 1st day of September, 1891, from other sources than taxation.

Respectfully submitted,
SOLON ARMSTRONG,
City Comptroller.

The following is the estimate to which reference is made:

GENERAL FUND.

Estimates for maintaining the several departments for the year ending Dec. 31, 1892. Detailed statements herewith:

Fire department.....	\$320,709.00
Police department.....	258,667.00
Street lighting.....	164,418.00
City engineer.....	47,486.00
Salaries of city officials.....	55,380.00
Municipal court.....	16,330.00
City assessor.....	15,000.00
Building Inspector.....	11,400.00
City hall expenses.....	11,150.00
Street opening expense.....	3,000.00
Pounds.....	4,000.00
Roads and bridges.....	4,500.00
Incidentals.....	3,600.00
Printing and stationery.....	15,000.00
Contingent fund.....	10,000.00
Armory association.....	2,500.00
Allowed city treasurer for paying employes on the work, 1891 and 1892.....	2,400.00
Elections.....	25,000.00
Bethany Home.....	3,400.00

Health department.....	\$973,940.00
	60,000.00

Total estimates.....	\$1,033,910.00
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Receipts from all sources other than taxes, for the year ending Aug. 31, 1891:

Municipal court.....	\$37,343.69
City clerk.....	12,578.15
Licenses.....	301,031.37
Rent.....	2,640.04
Light.....	53.67
Penalties and interest.....	8,577.06
Miscellaneous.....	2,068.11

Total receipts.....	\$364,292.09
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Amount to be provided for by taxation, general fund.....	\$669,647.91
Amount for permanent improvement fund.....	384,000.00

Total for general and permanent improvement funds.....	\$1,053,647.91
The department of Charities and Corrections,detailed statement attached	74,652.00

Grand total.....	\$1,128,299.91
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FROM THE BOARD OF CHARITIES AND CORRECTIONS.

MINNEAPOLIS, August 21, 1891.

To the Honorable City Council:

GENTLEMEN:—In accordance with instructions from the Honorable Board of Charities and Corrections, I herewith respectfully transmit for your consideration a resolution passed by the said board at its adjourned meeting, Aug. 20, 1891.

BE IT RESOLVED BY THE BOARD OF CHARITIES AND CORRECTIONS OF THE CITY OF MINNEAPOLIS:

That the city council of said city be and the said council is hereby respectfully requested to cause to be issued by the city its bonds for the sum of \$25,000.00 as provided by law, to be used by this board in providing a city hospital, and cause the same to be delivered to this board, and that the said council also make such additional appropriation of money as it may seem meet to be devoted by the said board for the same purpose, to-wit: the providing of a hospital for said city.

Respectfully submitted,

C. L. SNYDER, *Secretary.*

MINNEAPOLIS, August 20, 1891.

To the Honorable City Council:

GENTLEMEN:—Agreeable to law we hereby submit the following estimates required for the various departments of Charities and Corrections and certify that the amounts as set forth in the following detailed schedules are the amounts required by this board to pay the legitimate expenses of its three departments as below enumerated:

POOR DEPARTMENT.

Groceries.....	\$9,000.00
Fuel.....	4,000.00
County farm.....	6,000.00
Burials.....	2,000.00
Transportation.....	2,000.00
Bethany home.....	3,500.00
Private hospital.....	3,000.00
Special bills.....	1,600.00
Incidental.....	200.00
Stationery and reports.....	400.00
Salaries.....	2,800.00
Additional clerk hire.....	600.00
Total.....	\$35,100.00

CITY HOSPITAL.

Salaries.....	\$7,532.00
Groceries and provisions.....	3,100.00
Drugs, medicines, surgical supplies.....	1,500.00
Fuel and light.....	1,325.00
Milk.....	1,200.00
Rent.....	720.00
Dry goods.....	400.00
Incidentals, including hardware, telephone, scavenger service, printing, furniture, improvements.....	900.00
Insurance.....	75.00
Total.....	\$16,752.00

WORK HOUSE.

Salaries.....	\$11,000.00
Insurance.....	400.00
Fuel and light.....	2,000.00
Clothing and bedding.....	1,000.00
Printing and stationery.....	100.00
Living.....	4,000.00
Tools.....	125.00
Stock, harness and implements.....	800.00
House furnishing.....	1,000.00
Building and repairs.....	1,000.00
Medical expenses.....	175.00
Farm and garden.....	200.00
Miscellaneous expenses.....	1,000.00
Total.....	\$22,800.00

Respectfully submitted. By order of the board,

C. L. SNYDER, *Secretary.*

RESOLUTION.

Fixing the Maximum Amounts to be Expended for Maintaining the Various Departments of the City for the fiscal Year 1892 on Account of the General Fund:

RESOLVED BY THE CITY COUNCIL OF THE CITY OF MINNEAPOLIS.

That the following amounts be and they are hereby fixed and determined as the maximum amount to be expended by the several departments of the city for the fiscal year 1892, on account of the general fund: And be it further resolved, that no portion of any amount herein specified shall be diverted to any other than the purpose designated in this resolution:

FIRE DEPARTMENT.

Salaries	\$237,900.00
Forage.....	14,300.00
Fuel and light.....	9,780.00
10,000 feet hose.....	10,000.00
Two steam fire engines.....	9,000.00
Two hose carriages.....	1,800.00
Fire alarm telegraph.....	5,000.00
Store room supplies (brushes, brooms, waste, linen, sponges, tripoli, whips, wicks, lamp chimneys, soap, harness oil, matches, fuses, etc.).....	2,500.00
Repairs to buildings..	3,500.00
Twenty-five horses	5,625.00
Repair shop supplies (including two lathes, one drill press, one trip hammer, labor, etc.).....	6,000.00
General department running expenses (bedding, furniture, tools, telephone rent, laundry, freight, express, soda, acid, printing, stationery, etc.).....	6,300.00
Total.....	\$311,705.00

POLICE DEPARTMENT.

Salaries.....	\$225,667.00
Signal service improvements.....	15,000.00
General running expenses.....	12,000.00
Total.....	\$252,667.00

STREET LIGHTING.

3,100 gas lamps at \$15.63 each per year.	\$48,453.00
2,500 gasoline lamps at \$14.40 each per year.....	36,000.00
500 electric arc lights, \$148.00 each per year.	74,000.00
30 incandescent lamps at \$15.50 each per year.....	465.00
Additional lamps.....	5,000.00
Incidentals	500.00
Total.....	\$164,418.00

CITY ENGINEER'S DEPARTMENT.

Salaries.....	\$40,514.00
Stationery and office supplies.....	600.00
Blank books, blanks, maps, plats, plat books and printing....	2,000.00
Draughtsman's supplies.....	300.00
Instruments and instrument repairs.....	500.00
Livery.....	250.00
Postage.....	300.00
Telephone.....	36.00
Total.....	\$44,500.00

SALARIES OF CITY OFFICERS.

Mayor	\$2,000.00
Aldermen, 26 at \$500.00 each	13,000.00
City Attorney.....	4,500.00
First Assistant City Attorney..	1,500.00
Second Assistant City Attorney.....	1,200.00
Third Assistant City Attorney.....	1,200.00
City Treasurer.....	1,200.00
Teller, city treasurer's office.....	1,200.00
Bookkeeper, city treasurer's office.....	800.00
City Comptroller.....	3,100.00
Assistant City Comptroller.....	1,500.00
City Clerk.....	3,100.00
Assistant City Clerk	1,320.00
Chief Clerk, city clerk's office.....	1,320.00
Entry Clerk, city clerk's office.....	960.00
Meat Inspector	1,500.00
Assistant Meat Inspector.....	1,200.00
City Weighmaster.....	800.00
City Weigher, city scales.....	720.00
Inspector of Street Lights.....	1,160.00
Mayor's Secretary.	600.00
Street Commissioners, thirteen at \$900 each.....	11,700.00
Total.....	\$55,380.00

MUNICIPAL COURT.

Salaries	\$12,280.00
Labor and repairs..	250.00
Printing and stationery.....	800.00
Rent.....	1,500.00
Fuel and lights.....	300.00
Furniture	250.00
Incidentals	500.00
Law books.....	150.00
Total.....	\$16,030.00

CITY ASSESSOR'S DEPARTMENT.

Salaries	\$8,900.00
Livery.....	350.00
Printing and blank books.....	500.00
Stationery, postage, etc.....	150.00
Sundry expenses.....	600.00
Plats, maps, etc.....	750.00
Board of Equalization.....	750.00
Total....	\$12,000.00

BUILDING INSPECTOR'S DEPARTMENT.

Salaries—Inspector.....	\$2,000.00
Four Assistant Inspectors, \$1,000.....	4,000.00
One Assistant Inspector.....	1,200.00
One Assistant Inspector.....	1,500.00
Clerk.....	600.00
Printing, maps, books, etc.....	1,300.00
Incidentals	800.00
Total.....	\$11,400.00

CITY HALL EXPENSE.

Janitor's salary.....	\$1,300.00
Allowance by Council for extra work.....	200.00
Elevator attendant.....	720.00
Engineer.....	1,000.00
Allowed by Council for electric lighting.....	180.00
Assistant engineer.....	800.00
Fireman.....	450.00
Fuel	4,000.00
Repairs and supplies.....	1,500.00
Incidentals	1,000.00
Total.....	\$11,150.00

STREET OPENING EXPENSE.

Salaries of commissioners.....	\$2,500.00
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POUNDS.

Salaries of poundmasters, seven at \$500.....	\$3,500.00
Incidentals	100.00
Total.....	\$3,600.00

ROADS AND BRIDGES.

Salaries of bridge watchmen, seven at \$500.....	\$3,500.00
Bridge watchmen.....	600.00
Fuel and incidentals.....	100.00
Total.....	\$4,200.00

INCIDENTALS.

Sundries, etc	\$3,600.00
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PRINTING AND STATIONERY.

Publishing council proceedings and pamphlets	\$8,000.00
Publishing annual reports of city officers.....	2,500.00
Revising charter and ordinances.....	3,000.00
Incidentals [printing and stationery for comptroller, treasurer and clerk]	7,500.00
Total.....	\$15,000.00

CONTINGENT FUND.

Appropriated by law.....	\$10,000.00
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ARMORY ASSOCIATION.

Appropriated by law for maintaining of armory, etc.....	\$2,500.00
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CITY TREASURER'S DEPARTMENT.

Salary of clerk to pay laborers on work, 1891	\$1,200.00
Salary of clerk to pay laborers on work, 1892	1,200.00
Total..	\$2,400.00

CITY OF MINNEAPOLIS.

ELECTIONS.

Estimate for salary of judges, clerks, etc., and ballot boxes, rent, printing and stationery.....	\$25,000.00
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BETHANY HOME.

Appropriation for year 1891 ..	\$1,700.00
Estimate for year 1892 ..	1,700.00
Total.....	\$3,400.00

HEALTH DEPARTMENT.

Salary of Commissioner of Health.....	\$2,500.00
Salary Medical Inspectors, three at \$1,000.....	3,000.00
Salary Sanitary Inspectors, eight at \$1,000.....	8,000.00
Registrar.....	900.00
Clerk for vital statistics.....	600.00
Dump keepers.....	1,200.00
Quarantine Superintendent.....	600.00
Fuel	500.00
Printing, stationery and incidentals.....	1,500.00
Contagious diseases and disinfectants.....	1,000.00
Dead animals.....	1,200.00
Quarantine hospitals.....	1,500.00
Removing waste materials to dumps.....	500.00
Emergency fund.....	2,000.00
Erection and maintenance crematory.....	15,000.00
Total.....	\$40,000.00

BOARD OF CHARITIES AND CORRECTIONS—POOR DEPARTMENT.

Groceries.....	\$9,000.00
Fuel	4,000.00
County farm.....	6,000.00
Burials.....	2,000.00
Transportation	2,000.00
Bethany Home.....	3,500.00
Private hospital.....	3,000.00
Special bills	1,600.00
Incidentals	200.00
Stationery and reports.....	400.00
Salaries	2,800.00
Additional clerk hire	600.00
Total.....	\$35,100.00

CITY HOSPITAL.

Salaries.....	\$7,532.00
Groceries and provisions.....	3,100.00
Drugs, medicines and surgical supplies.....	1,500.00
Fuel and light.....	1,325.00
Milk	1,200.00
Rent.....	720.00
Dry goods.....	400.00
Incidentals, including hardware, telephone, scavenger service, printing, furniture and improvements	900.00
Insurance.....	75.00
Total.....	\$16,752.00

WORK HOUSE.

Salaries	\$11,000.00
Insurance.....	400.00
Fuel and light.....	2,000.00
Clothing and bedding.....	1,000.00
Printing and stationery.....	100.00
Living.....	4,000.00
Tools.....	125.00
Stock, harness and implements	800.00
House furnishings	1,000.00
Building and repairs.....	1,000.00
Medical expenses.....	175.00
Farm and garden.....	200.00
Miscellaneous expenses.....	1,000.00
Total.....	\$22,800.00

Grand total.....	\$1,066,102.00
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Passed September 11th, 1891.

E. G. POTTER, President of the Council.

Approved September 17th, 1891.

P. B. WINSTON, Mayor.

Attest: CHAS. F. HANEY, City Clerk.

RECAPITULATION.

Fire department.....	\$311,705.00
Police department.....	252,667.00
Street lighting.....	164,418.00
City engineer.....	44,500.00
Salaries of city officials.....	55,380.00
Municipal court.....	16,030.00
City assessor.....	12,000.00
Building inspector.....	11,400.00
City hall expense.....	11,150.00
Street opening expense.....	2,500.00
Pounds.....	3,600.00
Roads and bridges.....	4,200.00
Incidentals.....	3,600.00
Printing and stationery.....	15,000.00
Contingent fund.....	10,000.00
Armory association.....	2,500.00
City treasurer's department, extra.....	2,400.00
Elections.....	25,000.00
Bethany Home.....	3,400.00
Health department.....	40,000.00
Total for general fund.....	\$991,450.00
Department of Charities and Corrections.....	74,652.00
Grand total.....	\$1,066,102.00

TAXES.

STATEMENT IN DETAIL OF LEVY OF 1891, FOR THE EXPENSES OF 1892.

BOARD OF TAX LEVY.

There is hereby created and constituted in and for the county of Hennepin, a board of tax levy, which shall be composed of the following, to wit:

Chairman of board of county commissioners.

County auditor.

President of board of education of city of Minneapolis.

President of board of park commissioners.

Chairman of committee on ways and means, city council.

Comptroller of city of Minneapolis.

Mayor of city of Minneapolis.

Which several officers shall be *ex-officio* the members of the said board of tax levy.

Said board shall meet at the office of the county auditor on the second Monday in September, in each year.

Said board shall fix the maximum rate of taxation for the various county and city purposes, and the city council, together with the various boards, may afterwards fix the rate in any sum that shall not exceed the maximum as fixed by the board of tax levy.

MINNEAPOLIS, Sept. 30, 1891.

To the Honorable City Council.

GENTLEMEN:—At a meeting of the board of tax levy of Hennepin county, Minnesota, held Sept. 29, 1891, the following resolution was adopted:

Resolved, That the following rates be fixed as the maximum rates of taxation on each dollar of the valuation of the taxable property in each of the wards as below specified for which the city council of the city of Minneapolis is authorized to levy for the year 1891:

First ward, two mills (2 mills).

Second ward, one and two tenths mills (1.2 mills).

Third ward, two mills (2 mills).

Fourth ward, nine-tenths of one mill (0.9 mill).

Fifth ward, five-tenths of one mill (0.5 mill).

Sixth ward, two mills (2 mills).

Seventh ward, two mills (2 mills).

Eighth ward, two mills (2 mills).

Ninth ward, two mills (2 mills).

Tenth ward, two mills (2 mills).

Eleventh ward, one and five-tenths mills (1.5 mills).

Twelfth ward, two mills (2 mills).

Thirteenth ward, two mills (2 mills).

Respectfully,

GEO. E. LEDGERWOOD,

By H. B. MARCHBANK, *Deputy*.

County Auditor.

MINNEAPOLIS, Sept. 30, 1891.

To the Honorable City Council.

GENTLEMEN:—At a meeting of the board of tax levy of Hennepin county, Minnesota, held Sept. 29, 1891, the following resolution was adopted:

Resolved, That the maximum ratio of taxation on each dollar of the valuation of the taxable property of the city of Minneapolis be fixed at the following rate for the purposes named below, for which the city council of said city is authorized to levy taxes for the year 1891, to wit:

For the general fund, four and five-tenths mills (4.5 mills).

For interest on bonded debt, two and five-tenths mills (2.5 mills).

For sinking fund, one mill (1 mill).

For permanent improvement fund, two mills (2 mills.)

Respectfully,

GEO. E. LEDGERWOOD,

By H. B. MARCHBANK, *Deputy*.

County Auditor.

MINNEAPOLIS, Sept. 30, 1891.

To the Honorable City Council.

GENTLEMEN:—At a meeting of the board of tax levy of Hennepin county, Minnesota, held Sept. 29, 1891, the following resolution was adopted:

Resolved, That the maximum rate of taxation on each dollar of valuation of the taxable property of the city of Minneapolis be fixed at six-tenths of one mill (0.6 mill), for all purposes for which the board of corrections and charities of said city are authorized to levy taxes for the year 1891.

Respectfully,

GEO. E. LEDGERWOOD,

By H. B. MARCHBANK, *Deputy*.

County Auditor.

RESOLUTION

FIXING THE TAX LEVY OF 1891 FOR 1892, FOR THE SEVERAL WARDS OF THE CITY OF MINNEAPOLIS.

Resolved, By the city council of the city of Minneapolis: That the following taxes are hereby levied and assessed upon the real and personal property of the several wards of the city of Minneapolis, as follows:

First ward, street fund.....	\$8,738.12
Second ward, street fund.....	9,953.05
Third ward, street fund.....	27,361.76
Fourth ward, street fund.....	36,408.00
Fifth ward, street fund.....	13,804.03
Sixth ward, street fund.....	9,191.93
Seventh ward, street fund.....	10,768.87
Eighth ward, street fund.....	24,997.24
Ninth ward, street fund.....	10,713.33
Tenth ward, street fund.....	8,305.46
Eleventh ward, street fund.....	6,884.86
Twelfth ward, street fund.....	6,045.52
Thirteenth ward, street fund.....	9,462.09
Total.....	\$182,614.95
Passed Oct. 9, 1891.	E. G. POTTER, <i>President of the Council.</i>
Approved Oct. 12, 1891.	E. G. POTTER, <i>Acting Mayor.</i>
Attest: F. M. CLARK, <i>Assistant City Clerk.</i>	

RESOLUTION

FIXING THE TAX LEVY OF 1891 FOR 1892, ON ACCOUNT OF THE SEVERAL FUNDS.

Resolved, By the city council of the city of Minneapolis: That the following taxes be and hereby are levied and assessed upon the real and personal property of the city of Minneapolis for the year 1891, to-wit:

General fund.....	\$624,248 09
Permanent improvement fund.....	277,443 59
Interest fund.....	346,814.49
Sinking fund.....	138,721.79
Total.....	\$1,387,217.96
Passed Oct. 9, 1891.	E. G. POTTER, <i>President of the Council.</i>
Approved Oct. 12, 1891.	E. G. POTTER, <i>Acting Mayor.</i>
Attest: F. M. CLARK, <i>Assistant City Clerk.</i>	

RESOLUTION

FIXING THE TAX LEVY OF 1891 FOR 1892, ON ACCOUNT OF THE BOARD OF CHARITIES AND CORRECTIONS.

Resolved, By the city council of the city of Minneapolis: That the following taxes be and hereby are assessed upon the real and personal property of the city of Minneapolis, for the year 1891, on account of the board of charities and corrections.

Board of charities and corrections.....	\$83,233.07
Passed Oct. 9, 1891.	E. G. POTTER, <i>President of the Council.</i>
Approved Oct. 12, 1891.	E. G. POTTER, <i>Acting Mayor.</i>
Attest: F. M. CLARK, <i>Assistant City Clerk.</i>	

Valuation of Real and Personal Property by Wards for 1891.

First ward.....	\$4,366,850
Second ward.....	8,266,140
Third ward.....	13,664,289
Fourth ward.....	40,328,108
Fifth ward.....	27,663,236
Sixth ward.....	4,506,836
Seventh ward.....	4,666,355
Eighth ward.....	12,496,008
Ninth ward.....	5,376,341
Tenth ward.....	4,152,960
Eleventh ward.....	4,582,326
Twelfth ward.....	3,556,508
Thirteenth ward.....	4,728,585
Total valuation.....	\$138,444,562

STATEMENT IN DETAIL.

OF THE

BONDED DEBT, \$7,540,500.

OF THE CITY OF MINNEAPOLIS, MINN., JANUARY 1st, 1892.

BOND LIMIT.

The City of Minneapolis is restricted in all legislative acts authorizing the issue and sale of bonds, and is required to keep within the following limit:

"From the total issue of all city bonds shall be deducted the total amount of funds and securities in the sinking fund, and this balance shall not exceed five (5) per centum of the aggregate value of the taxable property of the city as assessed and determined for the purpose of taxation."

DATE.	Issued for	Numbers	Each bond	Time yr's.	Rate of interest.	When due.	Total.	
July 30, 1872	School, E. D.	82-	1,000	20	10	July 30, 1892	\$1,500	
Aug. 1, 1873	" W. D.	83- 1-	500 1,000	19	8	Aug. 1, 1892	6,000	
Aug. 15, 1872	" E. D.	84- 200	300 1,000	20	10	Aug. 15, 1892	1,500	
Aug. 26, 1872	" E. D.	85- 300 86- 1,000 87- 1,000 88- 500	1,000 20	10	Aug. 26, 1892	1,500		
Sept. 24, 1872	" E. D.	89- 1,000 90- 500	1,000 20	10	Sept. 24, 1892	2,500		
Nov. 1, 1872	" E. D.	91- 1,000 92 90	1,000 20	10	Nov. 1, 1892	5,000		
April 1, 1881	"	401 512	1,000	12	5	April 1, 1893	22,000	
July 1, 1879	"	451 490	1,000	20	6	July 1, 1899	40,000	
July 1, 1885	"	1,004-1,083	1,000	30	4	July 1, 1915	80,000	
Oct. 15, 1887	"	3,030-3,099	1,000	30	4	Oct. 15, 1917	50,000	
May 15, 1889	"	4,504-4,628	1,000	30	4	May 15, 1919	125,000	
Oct. 15, 1890	"	4,904-4,978	1,000	30	4	Oct. 15, 1919	75,000	
Jan. 15, 1890	"	5,084-5,133	1,000	30	4	July 15, 1920	50,000	
Oct. 2, 1892	School dist. No. 1.	1-	1,000	10	7	Oct. 2, 1892	1,000	
Oct. 14, 1892	" " 5.	1-	1,000	10	5	Oct. 14, 1892	6,000	
Nov. 1, 1892	" " 5.	6-	5,000	10	7	Nov. 1, 1892	5,000	
Nov. 2, 1892	" " 5.	7-	8	5,000	10	5	Nov. 2, 1892	10,000
May 1, 1892	" " 0.	16	1,000	10	5 1/2	May 1, 1892	1,000	
May 1, 1892	" " 0.	17	18	1,000	10	5 1/2	May 1, 1892	2,000
April 1, 1892	" " 93	1-	5	5,000	10	5	April 1, 1892	25,000
Oct. 15, 1892	" " 93	0-	3,500	10	5	Oct. 15, 1892	3,500	
							\$512,500	
June 13, 1890	Fire department.	5,184-5,198	1,000	30	4	June 13, 1920	\$15,000	
June 30, 1893	Parks	1-	300	30	4 1/2	June 30, 1913	\$200,000	
Jan. 1, 1894	"	201-	300	1,000	30	4 1/2	Jan. 1, 1914	100,000
July 1, 1894	"	201-	325	1,000	30	4 1/2	July 1, 1914	125,000
July 1, 1894	"	426	455	1,000	30	4 1/2	July 1, 1914	30,000
July 1, 1894	"	466-523	1,000	30	4 1/2	July 1, 1914	68,000	
May 1, 1899	"	524-1,023	1,000	30	4	May 1, 1919	100,000	
Nov. 1, 1899	"	624-698	1,000	30	4	Nov. 1, 1919	75,000	
Jan. 1, 1901	"	699-748	1,000	30	4	Jan. 1, 1921	50,000	
							\$748,000	
Feb. 2, 1874	Old city hall	1	100	500	20	8	Feb. 2, 1894	850,000
July 1, 1887	New " and court h'se	1-	25	1,000	30	4 1/2	July 1, 1917	25,000
July 1, 1887	" " " "	26-	50	1,000	30	4 1/2	July 1, 1917	25,000
July 1, 1887	" " " "	51-	250	1,000	30	4 1/2	July 1, 1917	250,000
Jan. 1, 1900	" " " "	251-	350	1,000	30	4	Jan. 1, 1920	100,000
Jan. 1, 1900	" " " "	351	450	1,000	30	4	Jan. 1, 1920	100,000
July 1, 1901	" " " "	451-	700	1,000	30	4 1/2	July 1, 1921	250,000
							\$750,000	

DATE.	Issued for—	Numbers.	Each bond.	Time yrs.	Rate of Interest.	When due.	Total.
Dec. 1, 1885	Library fund.....	2,094-2,153	1,000	30	4½	Dec. 1, 1915	\$60,000
Dec. 15, 1886	" "	2,300-2,348	1,000	30	4	Dec. 15, 1916	40,000
							<u>\$100,000</u>
Feb. 2, 1874	Water works.....	151- 270	500	25	8	Feb. 2, 1899	\$60,000
July 1, 1872	" "	111- 150	1,000	30	7	July 1, 1902	40,000
July 1, 1870	" "	1- 50	500	30	8	July 1, 1900	25,000
April 1, 1882	" "	604- 728	1,000	20	4½	April 1, 1902	125,000
July 2, 1883	" "	1,104-1,363	1,000	30	4½	April 1, 1912	290,000
May 1, 1885	" "	1,604-1,633	1,000	30	4½	July 2, 1913	30,000
July 15, 1886	" "	2,154-2,273	1,000	30	4	May 1, 1915	120,000
April 1, 1887	" "	3,200-3,538	1,000	30	4	July 15, 1916	330,000
Aug. 1, 1888	" "	3,720-3,908	1,000	30	4	April 1, 1917	170,000
Jan. 15, 1890	" "	5,034-5,083	1,000	30	4	Aug. 1, 1918	50,000
						Jan. 15, 1920	<u>\$1,230,000</u>
April 1, 1887	Permanent imp. rev. fund	3,009-3,158	1,000	30	4	April 1, 1917	\$150,000
Aug. 1, 1888	" " " "	3,900-4,063	1,000	30	4	Aug. 1, 1918	155,000
Dec. 15, 1888	" " " "	4,154-4,203	1,000	30	4	Dec. 15, 1918	50,000
Feb. 1, 1889	" " " "	4,204-4,303	1,000	30	4	Feb. 1, 1919	100,000
May 15, 1890	" " " "	4,754-4,803	1,000	30	4	May 15, 1919	50,000
Jan. 15, 1890	" " " "	5,134-5,183	1,000	30	4	Jan. 15, 1920	50,000
Nov. 1, 1890	" " " "	5,199-5,398	1,000	30	4	Nov. 1, 1920	200,000
July 1, 1891	" " " "	5,399-5,643	1,000	30	4½	July 1, 1921	245,000
							<u>\$1,000,000</u>
Mar. 1, 1884	Viaducts and R. R. Cros'g	1,504-1,553	1,000	30	4½	Mar. 1, 1914	\$52,000
Mar. 15, 1884	" " " "	1,556-1,673	1,000	30	4½	Mar. 15, 1914	48,000
July 1, 1872	General purposes imp.....	1- 20	1,000	30	7	July 1, 1902	20,000
							<u>\$120,000</u>
Dec. 2, 1872	Bridges over Mississippi..	1- 250	1,000	20	8	Dec. 2, 1892	\$250,000
Feb. 2, 1874	" " " "	251- 270	1,000	20	8	Feb. 2, 1894	20,000
May 1, 1875	" " " "	271- 320	1,000	30	8	May 1, 1905	50,000
Feb. 15, 1887	" " " "	2,349-2,738	1,000	30	4	Feb. 15, 1917	300,000
July 1, 1885	" " " "	1,984-2,093	1,000	30	4	July 1, 1915	110,000
April 1, 1882	" " " "	729- 804	1,000	20	4½	April 1, 1902	76,000
Mar. 15, 1880	" " " "	4,304-4,333	1,000	30	4	April 1, 1912	30,000
						Mar. 15, 1919	<u>\$926,000</u>
July 1, 1871	Sewers.....	1- 25	1,000	25	7	July 1, 1896	\$25,000
July 1, 1872	" "	26- 50	1,000	30	7	July 1, 1902	25,000
July 1, 1870	" "	51- 80	500	30	8	July 1, 1900	15,000
July 1, 1881	" main sewers.....	514- 563	1,000	25	4½	July 1, 1906	50,000
Aug. 1, 1888	" "	4,064-4,153	1,000	30	4	Aug. 1, 1919	90,000
							<u>\$205,000</u>
July 1, 1881	Permanent improve'm'ts	564- 603	1,000	27	4½	July 1, 1908	\$40,000
April 1, 1882	" " " "	805- 969	1,000	20	4½	April 1, 1902	165,000
April 2, 1883	" " " "	970-1,103	1,000	30	4½	April 1, 1912	134,000
July 2, 1883	" " " "	1,384-1,428	1,000	30	4½	April 2, 1913	45,000
Mar. 15, 1884	" " " "	1,429-1,503	1,000	30	4½	July 2, 1913	75,000
May 1, 1885	" " " "	1,634-1,903	1,000	30	4½	Mar. 15, 1914	270,000
July 15, 1886	" " " "	2,274-2,308	1,000	30	4	May 1, 1915	35,000
April 1, 1887	" " " "	2,739-3,008	1,000	30	4	July 15, 1916	270,000
April 1, 1887	" " " "	3,159-3,208	1,000	30	4	April 1, 1917	50,000
Aug. 15, 1887	" " " "	3,539-3,638	1,000	30	4	April 1, 1917	100,000
Dec. 1, 1887	" " " "	3,689-3,738	1,000	30	4	Aug. 15, 1917	50,000
Mar. 15, 1889	" " " "	4,334-4,503	1,000	30	4	Dec. 1, 1917	170,000
May 15, 1889	" " " "	4,629-4,753	1,000	30	4	Mar. 15, 1919	125,000
June 20, 1889	" " " "	4,804-4,903	1,000	30	4	May 15, 1919	100,000
Jan. 15, 1890	" " " "	4,979-5,033	1,000	30	4	June 20, 1919	55,000
						Jan. 15, 1920	<u>\$1,684,000</u>
Sept. 1, 1877	Ry. Aid, M. & St. L. Ry. Co	251- 281	1,000	20	7	Sept. 1, 1897	\$31,000
Nov. 15, 1877	" " " "	282- 350	1,000	20	7	Nov. 15, 1897	94,000
Nov. 1, 1871	" " " "	351- 400	500	30	7	Nov. 1, 1901	125,000
		1- 250	500	30	7		<u>\$250,000</u>

Recapitulation of the bonded indebtedness of the city of Minneapolis,
January 1, 1892, showing the aggregate sum issued for different purposes.

School bonds.....	\$512,500
Fire department bonds.....	15,000
Old city hall bonds.....	50,000
New court house and city hall bonds.....	700,000
Library board bonds.....	100,000
Water works bonds.....	1,250,000
Permanent Improvement revolving bonds.....	1,000,000
Viaducts and railroad crossings.....	100,000
General purposes. Improvements.....	20,000
Bridges over the Mississippi river.....	928,000
Sewers and tunnel bonds.....	205,000
Permanent Improvement bonds.....	1,684,000
Railway aid, Minneapolis and St. Louis R'y Co.....	250,000
City park bonds.....	748,000
Total.....	\$7,540,500

Recapitulation of the bonded indebtedness of the city of Minneapolis,
January 1, 1892, showing the aggregate amount maturing each year.

Amount of bonds that mature in 1892.....	\$320,500
Amount of bonds that mature in 1893.....	22,000
Amount of bonds that mature in 1894.....	70,000
Amount of bonds that mature in 1896.....	25,000
Amount of bonds that mature in 1897.....	125,000
Amount of bonds that mature in 1899.....	100,000
Amount of bonds that mature in 1900.....	40,000
Amount of bonds that mature in 1901.....	125,000
Amount of bonds that mature in 1902.....	85,000
Amount of bonds that mature in 1902 or 1912.....	368,000
Amount of bonds that mature in 1905.....	50,000
Amount of bonds that mature in 1906.....	50,000
Amount of bonds that mature in 1908.....	40,000
Amount of bonds that mature in 1913.....	650,000
Amount of bonds that mature in 1914.....	498,000
Amount of bonds that mature in 1915.....	550,000
Amount of bonds that mature in 1916.....	195,000
Amount of bonds that mature in 1917.....	1,640,000
Amount of bonds that mature in 1918.....	465,000
Amount of bonds that mature in 1919.....	950,000
Amount of bonds that mature in 1920.....	620,000
Amount of bonds that mature in 1921.....	545,000
Total.....	\$7,540,500

Recapitulation of the bonded debt of the city of Minneapolis, January
1st, 1892, showing the total amount issued at the different rates of in-
terest.

4 Per cent., payable semi-annually.....	\$3,860,000
4½ Per cent., payable semi-annually.....	2,718,000
5 Per cent., payable semi-annually.....	70,500
5½ Per cent., payable semi-annually.....	3,000
6 Per cent., payable semi-annually.....	40,000
7 Per cent., payable semi-annually.....	361,000
8 Per cent., payable semi-annually.....	476,000
10 Per cent., payable semi-annually.....	12,000
Total.....	\$7,540,500

SINKING FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31. 1891.

HOW CREATED.

A tax of one mill shall be levied upon the assessed valuation of the city for the purpose of creating a fund for the redemption of the bonds or debt of the city as they become due.

REVENUE FOR 1892.

Tax levied 1891 for 1892..... \$138,444.56

SINKING FUND.

Provided by an act of the legislature of the state of Minnesota for the redemption of the bonds or debt of the city of Minneapolis. Chapter 5, sections 13 and 14, city charter.

SECTION 13. The city council shall also at the same time levy upon all the taxable property in said city, such taxes as shall be sufficient to pay the interest to become due during such next fiscal year upon all the bonds or debt of said city, and an additional tax of one mill on a dollar of the assessed valuation of all such taxable property, to provide for the principal of said bonds or debt, when the same shall have become due, and the amounts collected pursuant to this section shall not be applied to any other purpose than herein named; but this restriction shall not prohibit the investment of this sinking fund hereinafter provided for.

SEC. 14. In order to provide for the certain payment of the bonds and debts of the city, the city council is authorized to maintain the sinking fund already established, and to provide by ordinance for the care, investment and security thereof, and from time to time to amend such ordinances in such manner as may be necessary or expedient, but shall have no authority to abolish such sinking fund until all the debts of the city are fully paid, nor shall it divert said fund or any revenue or increase thereof to any other purpose.

The substantial maintenance of the provisions of this and the preceding section, for the payment of the principal and interest of the bonds or debt of said city, is hereby declared to be part of the contract with the holder of any bonds of the city that may hereafter be issued and shall be kept inviolate.

An Act of the Legislature of the State of Minnesota Creating a Board of Sinking Fund Commissioners:

SECTION 1. That the mayor, comptroller and treasurer of the city of Minneapolis, and their successors in office, be and hereby are appointed a board of sinking fund commissioners, for the purpose of taking charge of, controlling and directing the investment and disbursement of the sinking funds appropriated or hereafter to be appropriated to the extinguishment of the debt of said city or either of the divisions thereof.

BOARD OF SINKING FUND COMMISSIONERS.

P. B. WINSTON, Chairman.
K. KORTGAARD, Treasurer.
SOLON ARMSTRONG, Comptroller.

CREDITS.

1891.		
Jan. 1.	By credit balance brought forward	\$650,733.00
	TAXES.	
	Amount collected by county treasurer to Feb. 28, 1891.	\$ 23,105.82
	Amount collected by county treasurer to May 31, 1891.	102,030.54
	Amount collected by county treasurer to July 31, 1891.	826.26
	Amount collected by county treasurer to Aug. 31, 1891.	418.30
	Amount collected by county treasurer to Sept. 30, 1891.	431.33
	Amount collected by county treasurer to Oct. 31, 1891.	2,332.43
	Amount collected by county treasurer to Nov. 30, 1891.	522.66
	Total.....	\$129,787.24
	PENALTIES AND INTEREST.	
	Amount collected by county treasurer to Oct. 31, 1890.	498.53
	Amount collected by county treasurer to Feb. 28, 1891.	331.26
	Amount collected by county treasurer to May 31, 1891.	768.20
	Amount collected by county treasurer to Oct. 31, 1891.	1,083.77
	Total.....	\$3,951.76
	INTEREST.	
	Coupons paid on city bonds in hands of board of sinking fund commissioners	\$34,187.50
	Total credits.....	\$816,629.50

DEBITS.

1891.		
Feb. 1.	To paid bonds Nos. 1 to 110 inclusive, \$500 each, issued Feb. 1, 1871 due Feb. 1, 1891	\$55,000.00
May 17.	To paid bond No. 1, issued May 17, 1881, due May 17, 1891, issued by school district No. 121	2,000.00
July 1.	To paid bonds Nos. 1 to 7, issued July 1, 1871, due July 1, 1891, \$1,000 each, issued by schools W. D.	7,000.00
Aug. 1.	To paid bonds Nos. 1 to 6, issued Aug. 1, 1873, due Aug. 1, 1891, \$1,000 each, issued by schools W. D.	6,000.00
Aug. 2.	To paid bonds Nos. 1 to 10, issued Aug. 2, 1881, due Aug. 2, 1891, \$1,000 each, issued by school dist. No. 9.	15,000.00
	Total.....	\$ 85,000.00
	Credit balance carried forward.....	731,629.50
	Total.....	\$816,629.50
1892.		
Jan. 1.	By credit balance brought forward.....	\$731,629.50

SECURITIES IN THE SINKING FUND.

BONDS OF THE CITY OF MINNEAPOLIS.

Bonds Nos. 1535-1555 inclusive, 4½ per cent. interest.....	\$21,000.00
Bonds Nos. 491-512 inclusive, 5 per cent. interest.....	32,000.00
Bonds Nos. 1504-1534 inclusive, 4½ per cent. interest.....	31,000.00
Bonds Nos. 1556-1603 inclusive, 4½ per cent. interest.....	48,000.00
Bonds Nos. 1174-1208 inclusive, 4½ per cent. interest.....	35,000.00
Bonds Nos. 1984-2043 inclusive, 4 per cent. interest.....	60,000.00
Bonds Nos. 3539-3638 inclusive, 4 per cent. interest.....	100,000.00
Bonds Nos. 4054-4153 inclusive, 4 per cent. interest.....	100,000.00
Bonds Nos. 5184-5198 inclusive, 4 per cent. interest.....	15,000.00
Bonds Nos. 5199-5398 inclusive, 4 per cent. interest.....	200,000.00
	\$622,000.00
Bills receivable of board of education of the city of Minneapolis, due June 30, 1892	87,741.00
Cash in hands of K. Kortgaard, treasurer.....	11,888.59
Total	\$731,629.50

GENERAL FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

A tax not to exceed 6-10 of 1 per cent, shall annually be levied upon all the taxable property of the city, which amount in addition to the other revenue of the city, such as licenses, fines, rents, etc., and applicable thereto shall be sufficient to defray the current running expenses of the city for the next fiscal year, not including the expense of the various boards and the expense of the several wards which are assessed separately.

REVENUE FOR 1892

Tax levied 1891 for 1892. 4-6-10 mills.....	\$223,000 52
Licenses, fines, fees, rents, etc., estimated.....	364,292 00

1891.

CREDITS.

January 1. By credit balance brought forward	\$97,770 57
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TAXES.

Amount collected by county treasurer to Feb. 28 1891	\$100,105 45
Amount collected by county treasurer to May 31, 1891. . .	430,568 19
Amount collected by county treasurer to July 31, 1891. .	3,470 26
Amount collected by county treasurer to Aug. 31, 1891. . .	1,756 87
Amount collected by county treasurer to Sept. 30, 1891 ..	1,811 58
Amount collected by county treasurer to Oct. 31 1891	10,763 72
Amount collected by county treasurer to Nov. 30, 1891	2,195 16
Total	\$550,701 24

PENALTIES AND INTEREST

Amount collected by county treasurer to Oct. 31 1890. . . .	\$2,264 73
Amount collected by county treasurer to Feb. 28, 1891.....	2,808 48
Amount collected by county treasurer to May 31, 1891	3,481 85
Amount collected by county treasurer to Oct. 31, 1891	2,674 86
Total	\$11,251 92

LICENSES

274 liquor licenses, \$1,000 per annum ..	\$274,000 00
Special privileges granted by His Honor the Mayor	708 33
James Vasey bail liquor licenses for the year of 1890	600 00
141 two-horse express, for 12 months, \$5 00 per annum.....	705 00
17 two-horse express, for 9 months, \$5 00 per annum.....	83 75
5 two-horse express, for 6 months, \$5 00 per annum	25 00
5 two-horse express, for 3 months, \$5 00 per annum.....	7 50
153 one-horse express, for 12 months, \$2 50 per annum.....	382 50
12 one-horse express, for 9 months, \$2 50 per annum.....	30 36
14 one-horse express, for 6 months, \$2 50 per annum.....	17 50
13 one-horse express, for 3 months, \$2 50 per annum.....	8 19
61 two-horse hacks, for 12 months, \$10 00 per annum.....	510 00
6 two-horse hacks, for 9 months, \$10 00 per annum.....	45 00
2 two-horse hacks, for 6 months, \$10 00 per annum.....	10 00
2 two-horse hacks, for 3 months, \$10 00 per annum.....	5 00
21 one-horse cab, for 12 months, \$5 00 per annum.....	115 00
3 one-horse cab, for 9 months, \$5 00 per annum.....	11 25
1 one-horse cab, for 3 months, \$5 00 per annum.....	1 25
180 billiard and pool tables, 12 months, \$5 00 per annum.....	900 00
16 billiard and pool tables, 6 months, \$5 00 per annum.....	40 00
13 push cart peddlers, 12 months, \$50 00 per annum.....	650 00
1 push cart peddler 6 months, \$50 00 per annum ..	25 00
40 wagon peddlers, 12 months, \$75 00 per annum ..	3,450 00
41 foot peddlers, 12 months, \$10 00 per annum ..	910 00
12 foot peddlers, 6 months, \$10 00 per annum ..	180 00
17 second-hand dealers, 12 months, \$25 00 per annum.....	1,175 00
4 second-hand dealers, 6 months, \$25 00 per annum.....	50 00
35 junk peddlers, 6 months, \$10 00 per annum ..	225 00
5 junk peddlers, 12 months, \$200 per annum ..	1,000 00
2 auctioneers, 6 months, \$200 per annum.....	200 00
3 show window galleres, 12 months, \$25 00 per annum ..	75 00
5 theatres, 12 months, \$250 per annum ..	1,500 00
1 circus menagerie, one day special.....	800 00
17 employment agencies, \$100 per annum.....	1,700 00
16 scavengers, 12 months, \$25 00 per annum ..	400 00
1 scavenger 2 months, \$25 00 per annum.....	4 17
20 days special amusements, \$5 00 per day.....	845 00
2 days special amusement, \$25 00 per day ..	75 00
10 hotel runners, 12 months, \$25 00 per annum.....	250 00
6 hotel runners, 6 months, \$25 00 per annum.....	75 00
15 pawn brokers, 12 months, \$100 per annum ..	1,700 00
4 pawnbrokers, 6 months, \$100 per annum ..	200 00
1 ten pin alley, 12 months, \$25 00 per annum ..	25 00
Total	\$298,617 00

CITY OF MINNEAPOLIS.

CITY CLERK.		
Collected for fees, etc., from Jan. 1, 1891, to Dec. 31, 1891.....	\$0,888.05	
Recording births and deaths.....	1,441.75	
Total.....		\$11,329.80
MUNICIPAL COURT.		
Collected for fines, fees, etc., from Jan. 1, 1891, to Dec. 31, 1891		\$38,889.96
CITY SCALES.		
Collected for weighing fees from Jan. 1, 1891, to Dec. 31, 1891.		\$296.90
IMPOUNDING.		
Collected per pound masters, for feeding, fees, etc., from January 1, 1891, to December 31, 1891.....		\$440.95
Monthly reports of items making the foregoing amounts are on file in the office of the city clerk.		
CITY ENGINEERS PERMITS.		
Plumbers permits for street repairs from January 1, 1891, to December 31, 1891.....	\$5,080.21	
Minneapolis street railway for street repairs.....	5,117.74	
Minnesota brush electric company, conduits.....	500.00	
Total.....		\$10,697.95
RENTS.		
Western Union Telegraph Co., from January 1, 1891, to Dec. 31, 1891, 12 months, 166.67 per month	\$2,000.04	
Flour City Transfer Co., from January 1, 1891, to October 21, 1891, 9 21-30 months, \$40.00 per month.....	383.05	
Total.....		\$2,383.09
MISCELLANEOUS.		
A. H. Runge, chief engineer fire department, sale of horses	\$560.50	
Sale of Hydrants	49.51	
H. G. Shepherd & Sons' discount on invoice.....	2.25	
Repairing.....	22.86	
Total		\$635.12
Robert D. Russell, city attorney, costs sundry suits.....	119.05	
O. L. Snyder, Supt. poor, refunded.....	344.75	
John West, Supt. work house, collections.....	82.70	
E. S. Kelley, M. D., commissioner of health, collections...	113.43	
Sale of scrap iron and cloth.....	15.35	
Error in drawing warrant.....	1.45	
Ness & Allen, cost in suit....	11.00	
City treasurer, unclaimed on pay rolls to Dec. 31.....	210.31	
Total credits.....		\$1,018,912.55

DISBURSEMENTS.

FIRE DEPARTMENT EXPENSE.		
Salaries.....	\$208,161.54	
Horseshoeing and feed.....	13,393.98	
Fuel and lights.....	7,859.32	
Repairs to apparatus and buildings.....	5,377.82	
Fire alarm telegraph.....	2,996.68	
Store room supplies.....	804.96	
102 rubber coats.....	345.00	
2 fire engines.....	8,700.00	
23 horses.....	4,700.00	
3 paragon heaters.....	450.00	
63 fireman's caps.....	315.70	
11,274 feet hose, various size.....	9,017.50	
2 ladders	230.00	
10 nozzles, various size.....	549.50	
23 telephone instruments and microphones.....	322.00	
1 water tower.....	4,500.00	
2 wagons, exercising	110.00	
Electric light fixtures, 6 houses.....	320.88	
Miscellaneous supplies.....	2,344.54	
All other expenses	3,631.48	
Total		\$274,120.90
POLICE DEPARTMENT EXPENSE.		
Salaries.....	\$217,741.19	
Signal service.....	5,374.52	
Horse, buggy and harness, clubs, caps, belts, etc.....	1,800.86	
Fuel.....	1,519.14	
Lights	1,051.62	
Maintaining three patrol wagons.....	1,163.74	
Meals to prisoners at station houses.....	731.75	
Rent, second and third precincts.....	717.25	
Printing and stationery.....	655.98	
White judgment	500.00	
Insurance	431.00	
Telephone service.....	327.50	
Ice	169.15	
Telegrams	162.73	
Harvest festival expense.....	122.65	
All other expenses.....	2,192.63	
Total.....		\$234,661.71

WORKHOUSE EXPENSE—SIX MONTHS.

Insurance.....	\$315.00	
Printing and stationery.....	19 18	
Tools.....	17.40	
Salaries.....	5,408.88	
Fuel and lights.....	1,531.65	
Incidentals.....	556.02	
Repairs to buildings.....	289.27	
Bedding and clothing.....	723 26	
Living expense.....	2,057.30	
Medical expense.....	70.67	
Farm and garden expense.....	199.26	
Harness and implements.....	23.90	
Horse feed.....	516.08	
House furnishing.....	157.56	
Transfer to the dep't of charities and corrections, unex- pended balance of 1891 appropriation.....	10,014.57	
Total.....	— — —	\$21,900.00

CITY ENGINEER'S DEPARTMENT EXPENSE

Salaries, employes.....	\$42,153.47	
Salaries, special tax expense.....	529 80	
Postage.....	79.00	
Instruments, repairs instruments and tools.....	191.45	
Hardware and tools.....	136.87	
Telephone service.....	33.00	
Livery.....	6 75	
Blank books, stationery and blanks.....	1,283.87	
Exchange of type writer.....	25.75	
Incidentals.....	23.50	
Total.....	— — —	\$44,463.46

HEALTH DEPARTMENT EXPENSE

Salaries.....	\$13,653.13	
Drugs and disinfectants.....	332.14	
Vaccine virus.....	15.00	
Postage.....	67.06	
Hardware and blacksmithing.....	17.58	
Books, stationery and printing.....	895 22	
Telephone service, telegrams and express.....	75.00	
Scavenger services.....	1,288.10	
Maintaining dumps.....	319.09	
Incidentals.....	623.92	

Quarantine Hospital Expense.

Salaries.....	\$698.50	
Drugs and disinfectants.....	29.11	
Provisions.....	337.61	
Fuel and incidentals.....	964.27	
Total.....	— — —	\$19,316.63

CITY HOSPITAL EXPENSE. 6 MONTHS.

Salaries.....	\$1,648.00	
Wines and liquors.....	170.60	
Printing and stationery.....	24.69	
Drugs.....	619.73	
Surgical implements and appliances.....	172.18	
Groceries and provisions.....	1,060 30	
Meats.....	395.41	
Flour.....	134.60	
Fuel and light.....	652.75	
Rent, 6 months.....	360.00	
Telephone and Am. Dist. Telegraph service.....	38.00	
Scavenger services.....	33.02	
Furniture and fixtures.....	13.90	
Milk.....	507.92	
Dry goods.....	258.17	
Repairs to building.....	157.61	
Incidentals.....	219.32	
Transferred to the department of charities and corrections unexpended balance of 1891 appropriation.....	5,533.80	
Total.....	— — —	\$12,000.00

POOR DEPARTMENT EXPENSE, 6 MONTHS.

Salaries.....	\$1,491.66	
Groceries.....	3,209.85	
Fuel.....	2,056 95	
Hennepin county poor farm, care of poor.....	2,745 16	
Hospital, care of sick.....	3,895.19	
Conveyances.....	346.50	
Burials.....	849.00	
Transportation.....	591.80	
C. L. Snyder, superintendent, incidentals.....	241.01	
Sundry supplies.....	182.76	
Medicines.....	139.59	
Telephone service.....	42.00	
Printing and stationery.....	27.35	
Transferred to the department of charities and corrections unexpended balance of 1891 appropriation.....	16,481.09	
Total.....	— — —	\$32,300.00

INCIDENTALS.*Mayor's Office.*

Livery	\$12 00
Miscellaneous.....	5.88

City Comptroller's Office.

License badges.....	168.75
Rubber stamps.....	19.85
Postage	15.00
Miscellaneous.....	10.85

City Treasurer's Office.

Commissions paid to National Park Bank and Blair & Co., New York city.....	683.23
Postage.....	19.85
Rubber stamps.....	2.90
Cleaning vault lock and changing combination..	21.00
Check perforator.....	20.00
Telephone service.....	36.00
Miscellaneous.....	25.48

City Clerk's Office.

Dog tags	115.00
Telephone service	36.00
Postage stamps and express charges	14.48
Repairing city seal.....	22.25
Miscellaneous.....	43.52

City Weigher's Office

Repairing and cleaning weights.....	89.50
Steel stamp and weights	6.00
Miscellaneous.....	19.85

Miscellaneous.

Thad. S. Dickey, checking books... ..	250.00
Twenty-five copies of city directory.....	125.00
Ice bills, ice water fountains, 1891.....	283.65
Special sidewalk inspector's salary.....	239.04
Certified copies of special laws.....	34.15
Street signs.....	20.40
Killing dogs, season 1891.....	453.00
Moving lamp posts.....	136.00
Towel service.....	40.50
Delivering city bonds in New York city.....	137.50
W. A. Dowell, acct. services as stenographer of pump in- vestigating committee.....	200.00
Total.....	\$3,307.13

PRINTING AND STATIONERY.*Mayor's Office.*

Book and stationery.....	\$108.50
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City Comptroller's Office.

Books, stationery, blanks, etc	296.67
Postal cards printed.....	32.00
Printing bonds.....	303.63

City Treasurer's Office.

Books, stationery, blanks, etc.....	221.02
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City Clerks's Office.

Books, stationery, blanks, etc.....	497.42
Printing ordinances.....	105.95
Postal cards printed.....	32.75

Meat Inspector's office.

Stationery, blanks, etc.. ..	9.90
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Justice of the Peace.

One docket for Justice Grimes.....	10.00
Two dockets for Justice Barton.....	20.00
One docket for Justice Mills.....	12.75
Two dockets for Justice McHale	26.75
File covers for Justice McHale.....	10.00

Miscellaneous.

Printing annual reports of city officials.....	1,750.00
Publishing council proceedings.....	5,144.00
Indexing council proceedings.....	596.43
Miscellaneous advertising.. ..	245.67
Total	\$9,423.53

ROADS AND BRIDGES.

Salaries. Bridge watchmen.....	\$4,009.72
Pay rolls, labor.....	911.52
Lumber.....	2,353.12
Fuel.....	71.38
Hardware and tools.....	271.09
Painting bridge Washington avenue south.....	150.00
Paving approaches bridge 4th avenue SE.....	134.19
Sprinkling steel arch bridge.....	155.25
Repairing tools and incidentals.....	19.45
Total.....	\$8,076.10

COMPTROLLER'S REPORT.

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CITY HALL EXPENSE.

Salaries, janitor, engineer, fireman, etc	\$4,504.74	
Pay roll, labor	1,218.58	
Lumber.....	410.67	
Oil	105.16	
Miscellaneous repairs and supplies.....	406.87	
Fuel	2,336.67	
Plumbing repairs and supplies.....	929.60	
Minneapolis Gas Light Co., bills.....	689.82	
Hardware and tools.....	436.92	
Painting and kalsomining.....	369.73	
Electric supplies.....	303.08	
Material for city scale house.....	577.93	
Cement and lime.	16.80	
Covering steam pipes.....	54.08	
Linoleum.....	341.48	
Ice bills, seasons 1890 and 1891.....	217.98	
Awnings.....	149.70	
Hanging and taking down awnings.....	21.28	
Extra salary to elevator attendant.....	60.00	
Elevator accident insurance premium.....	40.00	
Moving safe, city attorney's department.....	20.00	
Total.....		\$13,390.39

STREET LIGHTING.

Minneapolis Gas Light Co., 13 months.....	\$51,190.02	
Minnesota Brush Electric Co., 12 months.....	72,451.45	
N. W. Globe Gas Light Co., 12 months.....	35,897.22	
Schedule cards.....	85.70	
Incidentals	5.55	
Total....		\$159,629.94

MUNICIPAL COURT.

Salaries	\$12,038.03	
Printing and stationery.....	877.62	
Law books.....	109.50	
Fuel and lights.....	242.73	
Telephone service.....	36.00	
Furniture and fixtures.....	162.39	
Rent.....	1,875.00	
Repairs.....	161.08	
Incidentals.....	159.25	
Total.....		\$15,661.60

LEGAL EXPENSE AND DAMAGES.

Stationery.....	\$104.70	
Printing briefs.....	150.50	
Abstracts	20.00	
Witness fees.	178.97	
Telephone service. City attorney and assistant.....	71.25	
Transcripts... ..	414.55	
Recording fees.....	165.84	
Expert testimony.....	43.60	

Judgments.

L. R. C. T. and Mary E. Redfield.....	\$5.33	
John Peterson.....	5,079.31	
Minneapolis Sash and Door Co.....	200.00	

Settlements in Full.

O. R. Fullerton.....	\$48.00	
G. A. Chamberlain.....	226.46	
Attorney's fees	100.00	
Total.....		\$6,808.51

CITY ASSESSOR'S DEPARTMENT.

Salaries.....	\$6,728.01	
Blank books, stationery and printing.....	515.46	
Livery	125.00	
Board of equalization.....	570.00	
Incidentals.....	93.35	
Total.....		\$10,031.82

BUILDING INSPECTOR'S DEPARTMENT.

Salaries.	\$8,752.26	
Stationery and printing.....	538.41	
Telephone service.....	36.00	
Furniture and fixtures.....	130.50	
Incidentals.....	137.75	
Total.....		\$9,594.92

POUNDS.

Salaries, pound masters'.....	\$3,500.00	
Advertising and feeding estrays.....	187.19	
Total.....		\$3,687.19

SALARIES OF CITY OFFICIALS.

Salaries, mayor and aldermen.....	\$15,000.00	
Salaries, others.....	41,350.78	
Transferred to the department of charities and corrections, 6 months' salary of city physician and assistant...	1,200.00	
Total		\$57,550.78

BETHANY HOME.

Appropriated during the year, *vide* council proceedings.... \$1,700.00

STREET OPENING EXPENSE.

Salaries, commissioners, city.....	\$1,899.00	
Salaries, commissioners, court.....	1,245.00	
Removing buildings on Plymouth ave.....	10.00	
Books and blanks.....	32.00	
Total.....		\$3,186.00

OBTAINING EVIDENCE, MUNICIPAL COURT.

Livery to reform school.....	\$52.00	
Railway fare to and from Red Wing.....	16.76	
Blind plgs. roomers, etc.....	49.50	
Total.....		\$118.26

OFFICE FURNITURE.

Mayor's office.....	\$ 1.50	
City comptroller's office.....	10.00	
City attorney's office.....	85.50	
City engineer's office.....	67.75	
City clerk's office.....	17.00	
Building inspector's office.....	54.00	
Health department office.....	68.00	
Council chamber.....	31.50	
Total.....		\$335.25

ELECTIONS.

Special police, rent, use of furniture, election held November, 1890..... \$36.72

REFUNDED ON PLUMBERS' PERMITS,

City Engineer's vouchers..... 428.11

CONDUITS MINNESOTA BRUSH ELECTRIC CO.

Pay rolls, labor.....	\$704.60	
Gravel and sand.....	21.23	
Hardware and lumber.....	7.61	
Cedar blocks.....	12.00	
Total.....		\$745.44

CONDUITS EDISON LIGHT AND POWER CO.

Pay roll, labor.....	\$30.50	
Gravel and sand.....	7.20	
Total.....		\$37.70

SEWER, WATER AND HOUSE CONNECTION.

Pay roll, inspectors.....	\$3,908.00	
Books and blanks.....	59.13	
Minneapolis Street Railway chips.....	102.00	
Oil, hardware and tools.....	16.32	
Total.....		\$4,080.45

JOHNSTOWN, PA.. SUFFERERS.

Note of E. S. Corser et als..... \$10,000.00

LICENSE REFUNDED.

Thomas Moore, on liquor license, season 1889..... \$500.00

AMOUNTS PAID TO ENOCH RAY IN 1890 REFUNDED.

William Caine.....	\$500.00	
Bernheimer Wine Co.....	500.00	
Lizzie McGovern.....	500.00	
Total.....		\$1,500.00

CONDUITS N. W. TELEPHONE EXCHANGE.

Pay rolls, labor.....	\$629.92	
Hardware and cedar blocks.....	11.30	
Total.....		\$641.22

CONDUITS WESTERN UNION TELEGRAPH CO.

Pay rolls, labor..... \$202.40

MINNEAPOLIS STREET RAILWAY REPAIRS.

Pay rolls, labor.....	\$388.29	
Cedar blocks.....	167.89	
Resetting curb.....	33.68	
Gravel and sand.....	138.68	
Hardware.....	2.20	
Total.....		\$730.74
Amounts turned back by City Treas'r. refunded vouchers.		\$12.00

TAX PENALTIES AND INTEREST REFUNDED.

City engineer vouchers..... \$68.92

CITY BONDS PAID.

Bond No. 214, dated July 1, 1872, due July 1, 1888..... \$500.00

This is one of a series of city bonds that became due July 1, 1888, amount of same received from board of sinking fund commissioners at that date, and has remained to the credit of the general fund until this payment.

CONTINGENT FUND.

Entertainment of Boston, Mass., city council.....	\$534.75	
G. A. R., memorial day.....	200.00	
Livery, memorial day.....	32.00	
Livery, national nurseryman's association.....	160.00	
Sons of veterans' encampment.....	300.00	
Armory association.....	1,700.00	
John Selgried, amount paid Enoch Ray.....	500.00	
Transferred to 10th ward street fund.....	350.00	
Thad. S. Dickey, checking tax lists.....	1,689.77	
House of Good Shepard.....	780.00	
Harvest festival bills.....	1,804.25	
Robert D. Russell, exp. com. on waterways.....	300.00	
K. Kortgaard, city treasurer, paying on work.....	1,200.00	
Thad. S. Dickey, checking tax lists.....	434.50	
Total.....		\$9,085.27
Total disbursements.....		\$970,743.09

RECAPITULATION

By total credits.....	\$1,018,912.55	
To total debits.....	970,743.09	
Credit balance.....	\$48,169.46	
Jan. 1, 1872. By credit balance brought forward.....		\$48,169.46

PERMANENT IMPROVEMENT FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

“A tax not to exceed 2½ mills shall annually be levied upon the total assessed valuation of the city for the purpose of defraying the expense of the city’s part of all public improvements; that is, the expense of all improvements not provided for by special assessments.”

Revenue for 1892.

Tax levied 1891 for 1892. two mills \$276,880.12

Credits.

January 1, 1891. By credit balance brought forward..... \$176,665.23

TAXES.

Amount collected by county treasurer to Feb. 28, 1891.....	\$30,267.70	
Amount collected by county treasurer to May 31, 1891.....	180,404.06	
Amount collected by county treasurer to July 31, 1891.....	1,381.75	
Amount collected by county treasurer to Aug. 31, 1891.....	588.30	
Amount collected by county treasurer to Sept. 30, 1891.....	969.83	
Amount collected by county treasurer to Oct. 31, 1891.....	4,081.59	
Amount collected by county treasurer to Nov. 30, 1891.....	769.66	
Total		\$218,556.89

PENALTIES AND INTEREST.

Amount collected by county treasurer to Oct. 31, 1890.....	\$1,086.71	
Amount collected by county treasurer to Feb. 28, 1891.....	1,298.40	
Amount collected by county treasurer to May 31, 1891.....	1,495.83	
Amount collected by county treasurer to Oct. 31, 1891.....	1,053.82	
Total		\$4,934.76

MISCELLANEOUS.

Street Opening Warrant No. 09821, cancelled.....	\$350.00	
Street Opening Warrant No. 30054, cancelled	100.00	
Street Opening Warrant No. 05158, cancelled.....	300.00	
Street Opening Warrant No. 05159, cancelled.....	100.00	
Street Opening Warrant No. 05160, cancelled.....	30.00	
Street Opening Warrant No. 05161, cancelled.....	1,283.00	
Total		\$2,433.00
Minneapolis Street Railway Co., for work		1,696.02
Great Northern Railway Co., widening Laurel ave. bridge,		1,200.00
Sale of rock and lumber.....		16.00
I. E. Howe, paving repairs.....		38.85
Error in drawing warrant.....		10.00
Transferred from Eighth ward Street Fund for grading		
West Lake street from Lake Calhoun to city limits.....		2,700.00
Advanced by O. T. Swett, et als., to grade Stock Yards		
road, the same to be refunded July 1, 1892		4,000.00
City treasurer, unclaimed to December 31..		5.00

Total credits \$412,515.25

Disbursements.

Transferred to permanent improvement revolving fund, being the city’s portion for construction of sewers, paving, curb and gutters, season of 1890..... \$230,170.71

OLD SEWERS.

Pay rolls, labor.....	\$12,727.13	
Sewer brick	902.88	
Cement.....	451.85	
Catch basins, rings, etc.....	604.44	
Feed	386.71	
Hardware and tools.	57.28	
Horseshoeing	76.25	
Oil and candles	6.60	
Repairing tools.....	59.85	
Lumber.....	57.00	
Miscellaneous supplies.....	90.78	
Total		\$15,420.77

SUNDRY PAVING REPAIRS.

Pay rolls, labor.....	\$4,648.18	
Sand, gravel and hauling	1,100.47	
Hardware and tools.....	40.90	
Lumber.....	101.89	
Repairing tools.....	12.95	
Repaving Bridge square.....	623.49	
Repaving Washington and Fifth avenues north.....	147.61	
Cedar blocks.....	83.50	
Miscellaneous supplies.. ..	16.90	
Total.....		\$6,775.98

COMPTROLLER'S REPORT.

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CURB AND GUTTER REPAIRS.			
Pay rolls, labor.....	\$139.31		
Resetting and replacing.....	1,074.07		
Rent of lot for storage of material.....	30.00		
Total.....			\$1,243.38
DESCRIPTIONS.			
County auditor for 3,026 street openings, 5c.....	\$151.30		
834 " " 3c.....	25.02		
588 miscellaneous, 5c.....	29.40		
Total.....			\$205.72
TAX REFUNDED.			
County treasurer's vouchers.....			\$878.12
TAX ANNULLED.			
City engineer's vouchers.....			\$1,226.81
DRAINING HOAG'S LAKE.			
Pay rolls, labor.....	\$1,037.08		
Lumber.....	129.23		
Hardware and tools.....	17.15		
Lime.....	5.05		
Total.....			\$1,188.51
TAKING DOWN WALLS BUILDINGS NOS. 825 AND 827 WASHINGTON AVE. SOUTH.			
Building inspector's voucher, contract.....	\$250.00		
FIRE DEPARTMENT PROPERTY ACCOUNT—NEW.			
Balance, plumbing contract, hose house James avenue	\$ 46.00		
Balance, erecting contract, engine house Chicago avenue.	134.00		
Balance, steam plant contract, engine house Chicago av..	36.50		
Sewer connection, engine house No. 8.....	205.38		
Laying sidewalk engine house, Blaisdell ave. and 26th st..	230.48		
Fencing engine house, Blaisdell avenue and 26th street....	36.90		
Total.....			\$689.26
NORTH MINNEAPOLIS POLICE STATION.			
Mortgage note.....	\$500.00		
Twelve months interest on same.....	49.00		
Total.....			\$549.00
BRIDGE THIRTY-SIXTH AVENUE AND MOTOR CROSSING.			
Lumber.....			\$1.50
BRIDGE FIRST STREET AND TWENTIETH AVENUE NORTH.			
Pay roll, labor.....	\$1.50		
Nails.....	.30		
Total.....			\$1.80
BRIDGE MINNEHAHA AVENUE AND CREEK.			
Hardware.....			\$1.75
STEEL ARCH BRIDGE.			
Pay rolls, labor.....	275.61		
Superstructure.....	39,760.40		
Cedar blocks, paving old one half.....	806.29		
Cedar blocks, paving approaches.....	686.93		
Lumber.....	336.60		
Gravel and sand.....	72.40		
Hardware.....	20.58		
Fifteen bridge lamps.....	144.09		
Miscellaneous supplies.....	16.13		
Total.....			\$42,209.03
BRIDGE FIFTEENTH AVE. S. E. GREAT NORTHERN RY. TRACKS.			
Pay rolls, labor.. ..	\$ 855.20		
Substructure.....	4,819.20		
Superstructure.....	524.83		
Inspection	102.43		
Grading.....	5,064.04		
Lumber.....	182.79		
Oak ties.....	287.56		
Cedar block paving.....	126.00		
Miscellaneous supplies.....	91.08		
Total.....			\$12,053.13
BRIDGE FOURTH AVENUE NORTH OVER N. P. RY. TRACKS.			
Pay roll, labor.....	\$24.50		
Lumber.....	66.37		
Hardware.	7.39		
Total.....			\$98.26
LAUREL AVENUE BRIDGE.			
Pay roll, labor.....	\$ 4,237.83		
Substructure.....	3,762.40		
Superstructure.....	35,308.95		
Inspection	312.70		
Paving approaches.....	556.54		
Lumber.....	4,651.53		
Piles, and driving same.....	621.35		
Hardware.....	364.66		
Rock and earth.....	202.88		
Miscellaneous supplies.....	230.30		
Total.....			\$50,248.64

BRIDGE ON WESTERN AV., OVER OSSEO BRANCH G. N. RY. TRACKS.		
Pay roll, labor.....	\$180.63	
Lumber.....	465.67	
Total.....		\$646.30
APPROACHES, WASHINGTON AND 4TH AVENUE NORTH BRIDGE.		
Pay roll, labor.....	\$34.00	
Grading.....	52.50	
Total.....		\$86.50
SUNDRY BRIDGE REPAIRS.		
Pay roll, labor.....	\$ 706.18	
Lumber.....	2,007.51	
Repairing Holden street bridges.....	225.48	
Grading.....	80.75	
Earth and paints.....	204.00	
Hardware.....	194.08	
Total.....		\$4,128.00
AMOUNTS TURNED BACK BY CITY TREASURER REFUNDED.		
Vouchers.....		\$58.97
FOURTH STREET SOUTH SEWER TUNNEL EXTENSION.		
Pay roll, labor.....	\$138.08	
Lumber.....	82.90	
Rock.....	30.00	
Hardware.....	12.02	
Total.....		\$263.10
STREET OPENINGS.		
Awarded by commissioners.....	\$14,950.35	
Interest paid on same.....	1,150.03	
Total.....		\$16,118.38
GRADING WEST LAKE STREET, LAKE CALHOUN, TO CITY LIMITS		
Advanced by sundry parties in 1890, refunded.....	\$2,700.00	
Amount charged 8th Ward street fund Nov. 20, 1891.....	2,637.30	
Total.....		\$5,337.39
GRADING STOCK YARDS ROAD.		
Grading estimates.....	\$4,122.72	
Ditching.....	55.00	
Total.....		\$4,177.72
\$4,000 advanced by several parties to do this work. The same to be refunded July 1, 1892.		
WATERING TROUGHS.		
Pay roll, labor.....	\$ 13.85	
Three sets fountain castings.....	413.82	
Three sets fountain stone.....	156.00	
Total.....		\$583.37
Erected 36th street and Calhoun boulevard.		
Erected Central avenue and Harrison street.		
Erected Washington and 36th avenue north.		
ICE WATER DRINKING FOUNTAINS.		
Pay rolls, labor.....	\$186.31	
Castings.....	225.00	
Stone.....	80.00	
Doors, frames and coils.....	200.00	
Brick.....	56.50	
Lumber.....	71.88	
Hardware and paint.....	13.20	
Total.....		\$832.98
Erected Nicollet avenue and 3d street.		
Erected Nicollet avenue and Bridge square.		
Erected 6th street and 1st avenue south.		
Erected Cedar and Washington avenues south.		
Erected Washington ave. bet. Nicollet and 1st ave. south.		
Erected Plymouth and Washington avenue north.		
Erected Central avenue and Prince street.		
Erected 4th street, bet. Hennepin and Nicollet aves.		
Total disbursements.....		\$385,445.08

Recapitulation.

By total credits.....	\$412,515.25
To total debits.....	385,445.08
Credit balance.....	\$ 27,070.17

1892.

Jan. 1. By credit balance brought forward..... \$27,070.17

From the above fund there is due the permanent improvement revolving fund a credit of the proportion of the cost to be borne by the city in the construction of sewers, curb and gutter and paving; these items of cost are to be determined and reported by the city engineer as soon as he has completed his estimates on the cost of the above items for 1891.

PERMANENT IMPROVEMENT REVOLVING FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

"There is hereby created a special fund, to be called 'The Permanent Improvement Revolving Fund,' to which shall be credited the principal sum of each of the installments of all special assessments assessed and levied by said city council, which are to be paid in five (5) equal annual installments,

"The above assessments include the special assessments for sewer, paving, and curb and gutter."

Credits.

By amount transferred from Permanent Improvement Fund, being city's proportion of improvements, season of 1890.....		\$220,170.71
SALE OF BONDS.		
50,000 to Farmers and Mechanics Savings Bank, @ 101 per cent.....	\$50,500.00	
195,000 to Blair & Co., bankers, New York City, @ 100½ per cent.....	195,243.75	
Total.....		\$245,743.75
TAXES.		
Amount collected by county treasurer to Feb. 28, 1891.....	\$13,888.43	
Amount collected by county treasurer to May 31, 1891.....	287,081.03	
Amount collected by county treasurer to July 31, 1891.....	2,500.02	
Amount collected by county treasurer to Aug. 31, 1891.....	1,435.44	
Amount collected by county treasurer to Sept. 30, 1891.....	1,497.39	
Amount collected by county treasurer to Oct. 31, 1891.....	3,096.85	
Amount collected by county treasurer to Nov. 30, 1891.....	1,086.28	
Total.....		\$310,594.42
PENALTIES AND INTEREST.		
Amount collected by county treasurer to Oct. 31, 1890.....	\$845.36	
Amount collected by county treasurer to Feb. 28, 1891.....	1,025.01	
Amount collected by county treasurer to May 31, 1891.....	1,839.91	
Amount collected by county treasurer to Oct. 31, 1891.....	1,280.80	
Total.....		\$4,991.08
ADVANCES.		
Amount advanced by sundry corporations and persons for constructing sewers, curb and gutters and paving, season of 1891, same to be refunded after the assessments of same have been collected.....		\$86,206.41
BONUS.		
Amount received from the St. Paul and Northern Pacific Railway for paving, curbs and gutters on 1st street north from 3d avenue north to Northern Pacific Railway depot.....		\$6,420.99
ERRORS.		
Drawing warrant.....	\$25.92	
Engineer's certificates, tax annulled.....	82.87	
County treasurer's certificates, tax refunded.....	94.96	
Total.....		\$203.75
Old material sold and sewer work.....		117.65
Warrant cancelled.....		28.47
City treasurer, unclaimed on pay rolls to Dec. 31.....		41.85
Total credits.....		\$874,519.08

1891.

Disbursements.

Jan. 1. To debit balance brought forward.....		\$181,581 16	
SEWER CONSTRUCTION.			
Pay rolls, labor.....	\$214,749.45		
Repairing tools.....	133 83		
Sewer brick.....	46,988.94		
Fuel.....	2,482.22		
Lumber.....	5,544.34		
Surgical attendance to wounded.....	911.60		
Oil and candles.....	643 94		
Catch basins, rings, covers, etc.....	5,045.93		
Repairing water connections.....	61.51		
Rent of lots for storage of material.....	416 28		
Miscellaneous supplies.....	1,865.30		
Damage from blasting.....	29.50		
Hardware and tools.....	3,060.63		
Telephone service at ware house.....	30.00		
Rubber goods.....	619.53		
Dynamite, fuse and caps.....	3,893 70		
Books, stationery and blanks.....	112.65		
Sewer pipe.....	13,368.18		
Gravel and sand.....	159 40		
Livery.....	180.00		
Transferring brick and machines.....	449 42		
Cement.....	12,080.14		
Miner's lamps.....	15 84		
Water proof covers.....	164.80		
Rock.....	421.24		
Sewer buckets.....	320.00		
Minneapolis Street Railway chips.....	30.06		
Sewer cars.....	240 00		
Sewer car repairs.....	80.50		
Inspection of boilers.....	27.00		
Great Northern Railway Company, material and labor on Dupont avenue.....	1,252.92		
J. P. Andersen, in full for injury.....	300.00		
Henry Ringstoft, in full for injury.....	56.00		
Martin Eggstrom, in full for injury.....	350.00		
John Swanstrom, in full for injury.....	45.50		
Total.....			\$317,029.94
CURB AND GUTTERS.			
Pay rolls, labor.....	\$596.15		
Furnishing and setting natural stone.....	53,624.65		
Furnishing and setting artificial stone.....	55,585.40		
Resetting curb.....	492.96		
Catch basins.....	180.00		
Miscellaneous supplies.....	51.40		
Total.....			\$110,540.56
CEDAR BLOCK PAVING.			
Pay rolls, labor.....	\$528.25		
City engineer's estimates.....	130,115.04		
Gravel and sand.....	112.71		
Total.....			\$130,756.00
GRANITE BLOCK PAVING.			
Pay rolls, labor.....	\$69.00		
City engineer's estimates.....	7,204.89		
Total.....			\$7,363.89
ASPHALT PAVING			
Pay rolls, labor.....	\$155.00		
City engineer's estimates.....	56,991.00		
Miscellaneous supplies.....	42.54		
Total.....			\$57,188.54
AMOUNTS TURNED BACK BY CITY TREASURER, REFUNDED.			
Vouchers.....			\$154.51
TAX REFUNDED.			
County treasurer's vouchers.....			\$7,632.91
TAX ANNULLED.			
City engineer's vouchers.....			\$6,616.52
SPECIAL TAX EXPENSE.			
County auditor for 4,911. curb and gutter @ 5c.....	\$245.55		
3,649, paving @ 5c.....	182.45		
8,519, sewer @ 5c.....	425.95		
County treasurer recording and filing city engineer's certified tax annulled.....	24.25		
Books and blanks.....	38.50		
Pay roll from engineer's department.....	74.25		
			\$990.95
Amounts advanced for paving and sewer construction refunded.....			\$112,020.54
Interest on permanent improvement revolving fund bonds paid in 1891.....			\$16,160.00
Total disbursements.....			\$948,035.52

RECAPITULATION.		
To total debts.....	\$048,035.52	
By total credits.....	874,519.08	
Debit balance.....		<u>\$73,516.44</u>

Of this debit balance the city comptroller has in his office warrants not countersigned to the amount of \$70,795.89.

Jan. 1, 1892, to debit balance brought forward..... \$73,516.44

The above fund is entitled to a credit from the permanent improvement fund of the proportion of the entire cost to be born by the city in the construction of sewers, curb and gutter and paving for the season of 1891. The items of cost are to be determined and reported by the city engineer as soon as he has completed his estimates on the cost of the above items for 1891.

WATER WORKS FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING DECEMBER 31, 1891.

HOW CREATED.

By special assessment of 65 cents per lineal foot on each side of the street for water main; also the water rentals.

Revenue for 1891.

CREDITS.

January 1, 1891, by credit balance brought forward.....		\$70,854.41
TAXES.		
Amount collected by county treasurer to Feb. 28, 1891....	\$8,310.98	
Amount collected by county treasurer to May 31, 1891....	75,637.08	
Amount collected by county treasurer to July 31, 1891....	411.29	
Amount collected by county treasurer to Aug. 31, 1891....	887.08	
Amount collected by county treasurer to Sep. 30, 1891....	1,070.24	
Amount collected by county treasurer to Oct. 31, 1891....	3,150.52	
Amount collected by county treasurer to Nov. 31, 1891....	740.97	
Total.....		<u>\$90,217.16</u>
PENALTIES AND INTEREST.		
Amount collected by county treasurer to Oct. 31, 1890....	\$714.13	
Amount collected by county treasurer to Feb. 28, 1891....	824.83	
Amount collected by county treasurer to May 31, 1891....	773.33	
Amount collected by county treasurer to Oct. 31, 1891....	839.22	
Total.....		<u>\$3,151.41</u>
F. T. MOODY, REGISTRAR.		
Miscellaneous collections and water rentals from January 1, 1891, to December 31, 1891.....		\$179,689.62
ADVANCES.		
By sundry persons for laying water mains season of 1891, same to be refunded after assessments for same have been collected.....		\$2,269.50
Error in charge of engineer's certificates. Tax annulled.....		7.43
City treasurer. Unclaimed on pay rolls to December 31.....		9.75
Total credits.....		<u>\$346,199.28</u>

DISBURSEMENTS.

New Extensions.....	\$203,010.41	
General running expense, salaries, labor, etc	87,871.85	
Taxes annulled and refunded.....	14,215.30	
Advances for laying water mains refunded.....	7,182.20	
Water meters	4,907.28	
Permanent improvements other than water mains.....	5,698.20	
Pipe, hydrants, valves and lead.....	10,016.31	
Miscellaneous supplies.....	845.42	
Total disbursements.....	<u>\$333,746.97</u>	
Credit balance carried forward.....	12,451.31	
	<u>\$346,199.28</u>	<u>\$346,199.28</u>
January 1, 1892, by credit balance brought forward.....		\$12,451.31

INTEREST FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

“A tax shall annually be levied upon all the taxable property of the city, sufficient to pay the interest to become due during the next fiscal year upon all bonds or debt of the city.”

Revenue for 1892.

Tax levied 1891, for 1892, 2.5 mills..... \$346,111.40

CREDITS.

January 1, 1891. By credit balance brought forward..... \$74,619.65

TAXES.

Amount collected by county treasurer to Feb. 28, 1891.....	\$43,169.64
Amount collected by county treasurer to May 31, 1891.....	184,714.79
Amount collected by county treasurer to July 31, 1891... ..	1,487.26
Amount collected by county treasurer Aug. 31, 1891.....	752.94
Amount collected by county treasurer Sept. 30, 1891.....	776.40
Amount collected by county treasurer Oct. 31, 1891.....	4,623.22
Amount collected by county treasurer Nov. 30, 1891.....	940.79

Total..... \$236,465.04

PENALTIES AND INTEREST.

Amount collected by county treasurer to Oct. 31, 1890.....	\$1,016.66
Amount collected by county treasurer to Feb. 28, 1891.....	1,235.69
Amount collected by county treasurer to May 31, 1891.....	1,544.96
Amount collected by county treasurer to Oct. 31, 1891.....	1,145.97

Total..... 4,943.28

Accrued interest on \$245,000 permanent improvement revolving fund bonds sold..... 2,522.51

Total..... \$318,580.48

DISBURSEMENTS.

To paid coupons and interest on city bonds from January 1, 1891 to December 31, 1891.....	\$267,850.00
Credit balance carried forward.....	50,730.48

Total..... \$318,580.48 \$318,580.48

January 1, 1892. By credit balance brought forward..... \$50,730.48

WARD FUNDS.

RECEIPTS AND DISBURSEMENTS OF THE THIRTEEN WARDS FOR THE
TWELVE MONTHS ENDING DECEMBER 31, 1891.

HOW CREATED.

"A tax not to exceed 2½ mills shall be annually levied upon all the taxable property of each ward, sufficient to defray all the expenses of the ward for the next fiscal year, including the grading of streets."

Sprinkling tax, special assessment per front foot.

Sidewalk tax, special assessment per front foot.

FIRST WARD STREET FUND.

Credits.

1891.			
Jan'y 1.	By credit balance brought forward		\$27.49
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891 ..	\$1,611.18	
	Amount collected by county treasurer to May 31, 1891 ..	6,119.19	
	Amount collected by county treasurer to July 31, 1891 ..	40.58	
	Amount collected by county treasurer to Aug. 31, 1891 ..	28.35	
	Amount collected by county treasurer to Sept. 30, 1891 ..	60.33	
	Amount collected by county treasurer to Oct. 31, 1891 ..	138.08	
	Amount collected by county treasurer to Nov. 30, 1891 ..	26.12	
	Total		\$8,023.83
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890 ..	\$27.02	
	Amount collected by county treasurer to Feb. 28, 1891 ..	29.77	
	Amount collected by county treasurer to May 31, 1891 ..	33.68	
	Amount collected by county treasurer to Oct. 31, 1891 ..	40.10	
	Total		\$130.57
	Earth sold		247.05
	City treasurer unclaimed on pay rolls to Dec. 31		83.70
	Total credits		\$8,512.64

Disbursements.

Pay rolls, labor	\$7,515.27	
Hardware and tools	50.55	
Lumber, culverts and cross walks	307.48	
Repairing tools	84.15	
Amounts turned back by city treasurer refunded	24.02	
One road plow	21.00	
Excavating and removal of trees on Second ave. N. E.	407.73	
Books and blanks	1.27	
Total	\$8,411.47	
Credit balance carried forward ..	101.17	
	<u>\$8,512.64</u>	<u>\$8,512.64</u>

1892.		
Jan'y 1.	By credit balance brought forward	\$101.17

FIRST WARD SIDEWALK FUND.

Credits.

1891.			
Jan. 1.	By credit balance brought forward		\$618.38
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891 ..	\$1 002.73	
	Amount collected by county treasurer to May 31, 1891 ..	8,530.52	
	Amount collected by county treasurer to July 31, 1891 ..	30.63	
	Amount collected by county treasurer to Aug. 31, 1891 ..	93.50	
	Amount collected by county treasurer to Sept. 30, 1891 ..	70.76	
	Amount collected by county treasurer to Oct. 31, 1891 ..	394.80	
	Total		\$10,123.63
	Penalties and Interest—		
	Amount collected by county treasurer to Feb. 28, 1891 ..	\$97.26	
	Amount collected by county treasurer to May 30, 1891 ..	172.89	
	Amount collected by county treasurer to Nov. 30, 1891 ..	88.46	
	Total ..		\$358.61
	Error in charge of engineer's certificate, tax annulled ...		\$116.48
	Total credit		\$11,219.95

CITY OF MINNEAPOLIS.

Disbursements.

Laying stone sidewalk.....	\$375.46	
Repairing stone sidewalk....	30.75	
Laying plank sidewalk.....	297.39	
Lumber.....	1,807.47	
Hardware, etc.....	102.85	
Blanks and books.....	5.82	
Tax refunded, county treasurer's vouchers.....	2,820.79	
Tax annulled, city engineer's vouchers.....	6,344.46	
County treasurer, receiving and filing engineer's vouchers.....	17.42	
Inspecting lumber.....	19.32	
Livery.....	4.15	
County auditor, for 355 descriptions at 5c.....	17.75	
Thad. S. Dickey, checking accounts.....	18.00	
Total.....	\$11,861.63	
Debit balance carried forward.....		\$641.66
Total.....	\$11,861.63	\$11,861.63

1892.
Jan. 1. To debit balance brought forward. \$641.66

FIRST WARD SPRINKLING FUND.

Credits.

1891. Jan'y 1. By credit balance brought forward.....		\$747.68
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$368.30	
Amount collected by county treasurer to May 31, 1891..	3,912.30	
Amount collected by county treasurer to July 31, 1891..	15.17	
Amount collected by county treasurer to Aug. 31, 1891..	11.50	
Amount collected by county treasurer to Sep. 30, 1891..	65.40	
Amount collected by county treasurer to Oct. 31, 1891..	93.65	
Amount collected by county treasurer to Nov. 30, 1891..	55.15	
Total.....		\$4,521.56
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$13.46	
Amount collected by county treasurer to Feb. 28, 1891..	33.17	
Amount collected by county treasurer to May 31, 1891..	22.95	
Amount collected by county treasurer to Oct. 31, 1891..	22.87	
Total.....		\$92.45
Error in pay roll.....		60.00
City treasurer, unclaimed on pay rolls to Dec. 31 ..		27.00
Total credits.....		\$5,448.00

Disbursements.

Pay rolls, sprinkling.....	\$4,148.20	
Seven sprinklers and trucks.....	493.00	
Blanks and books.....	1.10	
Tax refunded, county treasurer's vouchers.....	338.35	
Tax annulled, city engineer's vouchers.....	327.14	
County treasurer, receiving and filing engineer's vouchers	1.12	
County auditor, 1,203 descriptions, @ 5c.....	60.15	
County auditor, 1,188 descriptions, @ 3c.....	35.64	
Total.....	\$5,404.70	
Credit balance carried forward.....	43.99	
Total.....	\$5,448.69	\$5,448.69

1892.
Jan'y 1. By credit balance brought forward..... \$43.99

SECOND WARD STREET FUND.

Credits.

1891. Jan'y 1. By credit balance brought forward.....		\$1,443.13
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$1,706.18	
Amount collected by county treasurer to May 31, 1891..	7,400.32	
Amount collected by county treasurer to July 31, 1891..	67.62	
Amount collected by county treasurer to Aug. 31, 1891..	34.39	
Amount collected by county treasurer to Sept. 30, 1891..	11.62	
Amount collected by county treasurer to Oct. 31, 1891..	169.12	
Amount collected by county treasurer to Nov. 30, 1891..	40.74	
Total.....		\$9,429.99

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Penalties and Interest—

Amount collected by county treasurer to Oct. 31, 1890..	\$60.13	
Amount collected by county treasurer to Feb. 28, 1891..	63.69	
Amount collected by county treasurer to May 31, 1891..	57.97	
Amount collected by county treasurer to Oct. 31, 1891..	42.41	
Total.....		\$224.20
Earth sold and grading.....		125.00
Minneapolis Street Railway bonus for grading.....		400.00

Total credit..... \$11,622.32

Disbursements.

Pay rolls, labor.....	\$0,740.96
Hardware and tools.....	57.41
Lumber, culverts and cross walks.....	259.02
Repairing tools	41.13
Sweeper repairs.....	105.00
One road plow.....	21.00
Blanks .....	.54
Rent of scrapers	9.10
Rent of lot for storage.....	15.00

Total..... \$10,249.16
Credit balance carried forward..... 1,373.16

Total..... \$11,622.32 \$11,622.32

1892.
Jan'y 1. By credit balance brought forward..... \$1,373.16

SECOND WARD SIDEWALK FUND.

Credit.

1891.
Jan. 1 By credit balance brought forward..... \$10.73

Taxes—

Amount collected by county treasurer to Feb. 28, 1891...	\$1,168.17	
Amount collected by county treasurer to May 31, 1891...	10,881.89	
Amount collected by county treasurer to July 31, 1891...	13.08	
Amount collected by county treasurer to Aug. 31, 1891..	31.05	
Amount collected by county treasurer to Sep. 30, 1891..	34.65	
Amount collected by county treasurer to Oct. 31, 1891..	663.98	
Amount collected by county treasurer to Nov. 30, 1891..	117.03	
Total... ..		\$12,909.85

Penalties and Interest—

Amount collected by county treasurer to Oct. 31, 1890..	\$60.18	
Amount collected by county treasurer to Feb. 28, 1891..	114.58	
Amount collected by county treasurer to May 31, 1891..	196.35	
Amount collected by county treasurer to Oct. 31, 1891..	111.41	
Total.....		\$502.52

Error in drawing warrant..... 52.68

Error in tax refunded..... 200.07

Advanced by F. C. Barrows and J. C. Haynes, to be re-
funded July, 1892.. 1,029.00

Total credits..... \$14,704.87

Disbursements.

Sidewalk brick.....	\$17.65
Repairing brick sidewalk.....	16.30
Livery.....	16.46
Lumber	1,822.19
Laying plank sidewalk.....	82.72
Repairing plank sidewalk.....	49.77
Laying stone sidewalk.....	1,834.80
Repairing stone sidewalk.....	6.53
Hardware, nails, etc.	66.00
Tax refunded, county treasurers vouchers.....	3,708.47
Tax annulled, city engineer's vouchers.....	7,375.27
County treasurer, receiving and filing eng. vouchers.....	24.18
County auditor for 821 descriptions, 5 cts.....	41.05
Inspecting lumber.....	29.07
Blanks and books.....	5.85
Discount paid on note of F. C. Barrows and J. C. Haynes.	54.00

Total..... \$15,150.31

Debit balance carried forward..... \$445.44

\$15,150.31 \$15,150.31

1892.
Jan. 1 To debit balance brought forward..... \$445.44

SECOND WARD SPRINKLING FUND.

1891.

Credit.

Jan'y 1. By credit balance brought forward.....		\$913.76	
Taxes—			
Amount collected by county treasurer to Feb. 28, 1891..	\$380.40		
Amount collected by county treasurer to May 31, 1891..	5,584.87		
Amount collected by county treasurer to July 31, 1891..	61.71		
Amount collected by county treasurer to Aug. 31, 1891..	35.76		
Amount collected by county treasurer to Sept. 30, 1891..	13.86		
Amount collected by county treasurer to Oct. 31, 1891..	130.11		
Amount collected by county treasurer to Nov. 30, 1891..	14.28		
Total.....		\$6,221.08	
Penalties and Interest—			
Amount collected by county treasurer to Oct. 31, 1890..	\$29.32		
Amount collected by county treasurer to Feb. 28, 1891..	35.82		
Amount collected by county treasurer to May 31, 1891..	38.25		
Amount collected by county treasurer to Oct. 31, 1891..	36.21		
Total.....		139.60	
Total credit.....		\$7,274.44	
Disbursements.			
Pay rolls, sprinkling.....	\$5,002.00		
Tax refunded, county treasurer's vouchers.....	124.85		
Tax annulled, city engineer's vouchers.....	135.46		
County treasurer, receiving and filing engineer's vouchers	.51		
Blanks and books.....	1.38		
County auditor for 1,594 descriptions @ 5c.....	79.70		
County auditor for 2,008 descriptions @ 3c.....	60.24		
Total.....	\$5,304.14		
Credit, balance carried forward.....	970.30		
Total.....	\$7,274.44	\$7,274.44	

1892.

Jan'y 1. By credit balance brought forward.....	\$970.30
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THIRD WARD STREET FUND.

1891

Credit.

Jan'y. 1. By credit brought forward.....		\$5,416.79	
Taxes—			
Amount collected by county treasurer to Feb. 28, 1891..	\$ 3,571.95		
Amount collected by county treasurer to Mar 31, 1891..	20,393.36		
Amount collected by county treasurer to July 31, 1891..	122.70		
Amount collected by county treasurer to Aug. 31, 1891..	130.04		
Amount collected by county treasurer to Sept. 30, 1891..	103.56		
Amount collected by county treasurer to Oct. 31, 1891..	441.54		
Amount collected by county treasurer to Nov. 30, 1891..	103.12		
Total.....		\$24,566.27	
Penalties and Interest—			
Amount collected by county treasurer to Oct. 31, 1890..	\$116.86		
Amount collected by county treasurer to Feb. 28, 1891..	82.23		
Amount collected by county treasurer to May 31, 1891..	150.62		
Amount collected by county treasurer to Oct. 31, 1891..	119.67		
Total.....		\$469.38	
Earth sold and grading.....		666.15	
Total credit.....		\$31,418.59	
Disbursements.			
Pay rolls, labor.....	\$27,710.17		
Repairing tools.....	190.70		
Hardware tools, etc.....	156.35		
Earth purchased.....	755.70		
Lumber, culverts and crosswalks.....	484.99		
Sweeper repairs.....	78.00		
Resetting curb.....	29.00		
Six two wheeled scrapers.....	252.00		
Two road plows.....	42.00		
Two dump carts.....	45.00		
One grader.....	23.00		
Blanks.....	.54		
S. A. March advanced for grading refunded.....	160.00		
Hannah Collins judgment in full.....	514.14		
Total.....	\$30,441.30		
Credit balance carried forward.....	976.99		
	\$31,418.59	\$31,418.59	
1892.			
Jan'y 1. By credit balance brought forward.....		\$976.99	

THIRD WARD SIDEWALK FUND.

1891.

Credit.

Jan'y 1. By credit balance brought forward.....		\$505.65
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$1,802.05	
Amount collected by county treasurer to May 31, 1891..	20,606.31	
Amount collected by county treasurer to July 31, 1891..	281.21	
Amount collected by county treasurer to Aug. 31, 1891..	220.14	
Amount collected by county treasurer to Sept. 30, 1891..	215.66	
Amount collected by county treasurer to Oct. 31, 1891..	617.26	
Total		\$32,742.63
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$114.34	
Amount collected by county treasurer to Feb. 28, 1891..	189.14	
Amount collected by county treasurer to May 31, 1891..	272.34	
Amount collected by county treasurer to Oct. 31, 1891..	200.14	
Total		\$775.96
Advanced to lay sidewalk, to be refunded July 1, 1892.....		745.00
Error in charge of engineers' certificates tax annulled...		51.75
Error in charge of tax refunded		61.75
Sidewalk repairs.....		12.10
Total credit.....		\$34,894.84

Disbursements.

Laying plank sidewalk.....	\$980.53	
Repairing plank sidewalk.....	6.00	
Lumber.....	6,700.35	
Hardware, nails, etc.....	350.35	
Livery.....	12.94	
Laying stone sidewalk.....	311.59	
Repairing stone sidewalk.....	175.83	
Tax refunded, county treasurer's vouchers.....	4,552.04	
Tax annulled, city engineer's vouchers.....	10,252.99	
Co. treasurer, receiving and filing engineer's vouchers...	70.59	
County auditor, 1,466 descriptions @ 5c.....	73.30	
Blank books.....	5.85	
Inspecting lumber.....	64.91	
Total.....	\$32,605.27	
Credit balance carried forward.....	2,289.57	
	<u>\$34,894.84</u>	<u>\$34,894.84</u>

1892.

Jan'y 1. By credit balance brought forward.....	\$2,289.57
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THIRD WARD SPRINKLING FUND.

1891.

Credit.

Jan'y 1. By credit balance brought forward.....		\$5,747.74
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$ 561.30	
Amount collected by county treasurer to May 31, 1891..	7,910.48	
Amount collected by county treasurer to July 31, 1891..	54.05	
Amount collected by county treasurer to Aug. 31, 1891..	57.30	
Amount collected by county treasurer to Sept. 30, 1891..	85.31	
Amount collected by county treasurer to Oct. 31, 1891..	257.31	
Amount collected by county treasurer to Nov. 30, 1891..	29.35	
Total		\$8,953.10
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$48.90	
Amount collected by county treasurer to Feb. 28, 1891..	52.48	
Amount collected by county treasurer to May 31, 1891..	65.79	
Amount collected by county treasurer to Oct. 31, 1891..	68.09	
Total		\$235.26
Error in tax refunded		7.85
Total credit.....		\$14,945.95

Disbursements.

Pay roll, sprinkling	\$7,951.50	
Repairs to sprinklers.....	65.95	
Insurance on sprinklers.....	34.20	
Storage of sprinklers	55.00	
Tax refunded, county treasurer's vouchers	441.31	
Tax annulled, city engineer's vouchers	217.87	
County treas'r, receiving and filing engineer's vouchers..	.83	
County auditor for 3,421 descriptions at 5c.....	171.05	
County auditor for 3,620 descriptions at 3c	108.60	
Blank books.....	2.76	
Total	\$9,049.07	
Credit balance carried forward.....	5,896.88	
	<u>\$14,945.95</u>	<u>\$14,945.95</u>

1892

Jan'y 1. By credit balance brought forward.....	\$5,896.88
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CITY OF MINNEAPOLIS.

FOURTH WARD STREET FUND.

Credit.

Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$8,617.81	
Amount collected by county treasurer to May 31, 1891..	26,306.76	
Amount collected by county treasurer to July 31, 1891..	98.59	
Amount collected by county treasurer to Aug. 31, 1891..	42.73	
Amount collected by county treasurer to Sept. 30, 1891..	62.15	
Amount collected by county treasurer to Oct. 31, 1891..	367.93	
Amount collected by county treasurer to Nov. 30, 1891..	77.37	
Total.....		\$35,568.34
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890...	\$72.73	
Amount collected by county treasurer to Feb. 28, 1891..	133.41	
Amount collected by county treasurer to May 31, 1891..	160.00	
Amount collected by county treasurer to Oct. 31, 1891..	84.96	
Total.....		\$452.09
Advanced by E. G. Potter and S. B. Loye to pay laborers		\$3,400.00
Grading bonus.....		119.87
Earth sold.....		78.00
Rattan sold.....		96.00
City treasurer, unclaimed on pay rolls to Dec. 31.....		1.74
Total credit.....		\$39,716.04

Disbursements.

1891.			
Jan'y 1.	To debit balance brought forward.....	\$1,071.11	
	Pay roll, labor.....	28,212.56	
	Hardware, tools, etc.....	196.87	
	Repairing tools.....	110.50	
	Changing line of curb on Hennepin avenue.....	118.78	
	Lumber, culverts and cross-walks.....	575.30	
	Earth purchased.....	24.50	
	Sweeper repairs.....	725.86	
	Amount turned back by city treasurer refunded.....	21.00	
	Edgings.....	18.40	
	Blanks.....	.54	
	1 American road machine.....	225.00	
	2 No. 2 scrapers.....	84.00	
	Grading Hennepin avenue.....	1,500.00	
	Advanced by E. G. Potter and S. B. Loye refunded.....	3,450.25	
	Advances for grading refunded	2,300.00	
	1 Patent street sweeper and freight.....	396.46	
	Bridge on Penn avenue.....	148.66	
	Gottlieb F. Dorn, in full for damages... ..	200.00	
	Mary M. Pritchard in full for damages.....	175.00	
	Total.....	\$39,554.88	
	Credit balance carried forward.....	161.16	
		<u>\$39,716.04</u>	<u>\$39,716.04</u>
1892.			
Jan'y 1.	By credit balance brought forward.....		161.16

FOURTH WARD SIDEWALK FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward... ..		\$2,148.28
Taxes—			
	Amount collected by county treasurer to Feb. 28, 1891..	\$1,492.84	
	Amount collected by county treasurer to May 31, 1891..	19,814.31	
	Amount collected by county treasurer to July 31, 1891..	197.43	
	Amount collected by county treasurer to Aug. 31, 1891..	41.50	
	Amount collected by county treasurer to Sep. 30, 1891..	215.89	
	Amount collected by county treasurer to Oct. 31, 1891..	291.96	
	Amount collected by county treasurer to Nov. 30, 1891..	195.99	
	Total.....		\$22,240.02
Penalties and interest—			
	Amount collected by county treasurer to Oct. 31, 1890..	\$28.97	
	Amount collected by county treasurer to Feb. 28, 1891..	132.57	
	Amount collected by county treasurer to May 31, 1891..	259.08	
	Amount collected by county treasurer to Oct. 31, 1891..	112.01	
	Total.....		\$532.63
	Errors in charge of engineer's certificates, tax annulled..		39.70
	Errors in charge of tax refunded.....		262.50
	Total credit.....		\$25,233.03

Disbursements.

Pay roll, labor.....	\$717.82	
Lumber.....	3,172.72	
Laying stone sidewalk.....	575.62	
Repairing stone sidewalk.....	121.98	
Hardware and nails.....	188.00	
Livery.....	19.28	
Blanks and books.....	5.85	
Inspecting lumber.....	42.07	
Amount turned back by city treasurer, refunded.....	17.08	
Tax refunded, county treasurer's vouchers.....	6,055.12	
Tax annulled, city engineer's vouchers.....	13,261.06	
County treasurer, receiving and filing engineer's vouchers.....	49.68	
County auditor for 752 descriptions, @ 5c.....	37.60	
Total.....	\$24,263.88	
Credit balance carried forward.....	969.15	
	<u>\$25,233.03</u>	<u>\$25,233.03</u>

1892.

Jan'y 1. By credit balance brought forward.....	\$969.15
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FOURTH WARD SPRINKLING FUND.

Credit.

1891.

Jan'y 1. By credit balance brought forward.....	\$2,098.91
Taxes—	
Amount collected by county treasurer to Feb. 28, 1891..	\$702.00
Amount collected by county treasurer to May 31, 1891..	11,337.44
Amount collected by county treasurer to July 31, 1891..	58.43
Amount collected by county treasurer to Aug. 31, 1891..	46.08
Amount collected by county treasurer to Sept. 30, 1891..	45.27
Amount collected by county treasurer to Oct. 31, 1891..	148.98
Amount collected by county treasurer to Nov. 30, 1891..	59.22
Total.....	<u>\$12,397.42</u>
Penalties and interest—	
Amount collected by county treasurer to Oct. 31, 1890..	\$42.13
Amount collected by county treasurer to Feb. 28, 1891..	58.94
Amount collected by county treasurer to May 31, 1891..	97.75
Amount collected by county treasurer to Oct. 31, 1891..	44.81
Total.....	<u>\$243.63</u>
Total credit.....	<u>\$14,739.96</u>

Disbursements.

Pay rolls, sprinkling.....	\$10,545.00	
Hawthorne Park Association, sprinkling.....	1,295.82	
Blanks and books.....	2.76	
Tax refunded, county treasurer's vouchers.....	416.32	
Tax annulled, city engineer's vouchers.....	173.93	
Co. treasurer, receiving and filing engineer's vouchers... ..	.61	
County auditor, for 3,360 descriptions @ 5c.....	168.00	
County auditor, for 2,529 descriptions @ 3c.....	105.87	
Total.....	<u>\$12,708.31</u>	
Credit balance carried forward.....	2,031.65	
	<u>\$14,739.96</u>	<u>\$14,739.96</u>

2.

Jan'y 1. By credit balance brought forward.....	\$2,031.65
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FIFTH WARD STREET FUND.

Credit.

1891.

Jan'y 1. By credit, balance brought forward	\$3,103.38
Taxes—	
Amount collected by county treasurer to Feb. 28, 1891..	\$2,111.52
Amount collected by county treasurer to May 31, 1891..	10,566.80
Amount collected by county treasurer to July 31, 1891..	44.30
Amount collected by county treasurer to Aug. 31, 1891..	11.35
Amount collected by county treasurer to Sept. 30, 1891..	25.06
Amount collected by county treasurer to Oct. 31, 1891..	153.21
Amount collected by county treasurer to Nov. 30, 1891..	23.34
Total.....	<u>\$12,935.58</u>
Penalties and interest—	
Amount collected by county treasurer to Oct. 31, 1890..	\$24.57
Amount collected by county treasurer to Feb. 28, 1891..	41.82
Amount collected by county treasurer to May 31, 1891..	49.64
Amount collected by county treasurer to Oct. 31, 1891..	35.08
Total.....	<u>\$151.11</u>
Eighth ward street fund, sweeping Park avenue.....	180.48
Bonus for grading.....	97.56
Total credit.....	<u>\$16,468.11</u>

CITY OF MINNEAPOLIS.

Disbursements.			
Pay rolls, labor.....	\$12,869.54		
Repairing tools.....	157.17		
Lumber, culverts and cross walks	241.11		
Hardware and tools	90.34		
Sweeper repairs.....	338.47		
Blanks	54		
One patent street sweeper and freight.....	396.56		
Total	\$14,093.73		
Credit balance carried forward.....	2,374.38		
Total.....	\$16,468.11	\$16,468.11	
1892.			
Jan'y 1. By credit balance brought forward			\$2,374.38

FIFTH WARD SIDEWALK FUND.

Credit.			
1891.			
Jan'y 1. By credit balance brought forward.....			\$386.74
Taxes—			
Amount collected by county treasurer to Feb. 28, 1891..	\$987.89		
Amount collected by county treasurer to May 31, 1891..	8,736.44		
Amount collected by county treasurer to July 31, 1891..	65.53		
Amount collected by county treasurer to Aug. 31, 1891..	37.60		
Amount collected by county treasurer to Sept. 30, 1891..	53.41		
Amount collected by county treasurer to Oct. 31, 1891..	553.83		
Amount collected by county treasurer to Nov. 30, 1891..	35.90		
Total		\$10,470.60	
Penalties and interest—			
Amount collected by county treasurer to Feb. 28, 1891..	\$108.48		
Amount collected by county treasurer to May 31, 1891..	104.38		
Amount collected by county treasurer to Oct. 31, 1891..	106.55		
Total		\$319.41	
Advanced by C. P. Lovell and H. W. Brazie, to be re-			
funded July 1, 1892.....		\$2,700.00	
Error in charge of engineer's certificates, tax annulled...		81.63	
Warrant cancelled.....		43.00	
Total credit.....		\$14,001.38	

Disbursements.			
Pay rolls, labor.....	\$207.98		
Laying plank sidewalk.....	131.58		
Laying stone sidewalk.....	240.50		
Repairing stone sidewalk.....	41.68		
Hardware and nails.....	72.81		
Lumber.....	1,117.84		
Blanks and books.....	5.85		
Amount turned back by city treasurer, refunded.....	10.80		
Inspecting lumber.....	22.57		
Livery.....	14.22		
Tax refunded, county treasurer's vouchers.....	5,180.20		
Tax annulled, city engineer's vouchers	6,966.28		
Co. treasurer, receiving and filing engineer's vouchers..	24.65		
County auditor, for 535 descriptions @ 5c....	26.75		
Thad. S. Dickey, checking.....	24.00		
Discount on note of C. P. Lovell and H. W. Brazie.....	72.00		
Total.....	\$14,149.78		
Debit balance carried forward.....		\$148.40	
	\$14,149.78	\$14,149.78	
1892.			
Jan'y 1. To debit balance brought forward.....			\$148.40

FIFTH WARD SPRINKLING FUND.

Credit.			
1891.			
Jan'y 1. By credit balance brought forward.....			\$2,245.40
Taxes—			
Amount collected by county treasurer to Feb. 28, 1891..	\$650.19		
Amount collected by county treasurer to May 31, 1891 ..	12,048.32		
Amount collected by county treasurer to July 31, 1891..	75.24		
Amount collected by county treasurer to Aug. 31, 1891..	19.20		
Amount collected by county treasurer to Sept. 30, 1891..	66.01		
Amount collected by county treasurer to Oct. 31, 1891..	152.47		
Amount collected by county treasurer to Nov. 30, 1891..	17.69		
Total		\$13,037.52	
Penalties and interest.			
Amount collected by county treasurer to Oct. 31, 1890..	\$30.05		
Amount collected by county treasurer to Feb. 28, 1891..	48.13		
Amount collected by county treasurer to May 31, 1891..	67.15		
Amount collected by county treasurer to Oct. 31, 1891..	46.93		
Total		\$192.26	
Total credit.....		\$15,475.18	

Disbursements.

Pay rolls, sprinkling.....	\$13,377.35	
Blanks and books.....	2.76	
Sprinkling Park avenue.. . . .	420 00	
Tax refunded, county treasurer's vouchers.....	38.13	
Tax annulled, city engineer's vouchers.....	38.93	
County treasurer receiving and filing engineers vouchers	.14	
County auditor for 3613 descriptions @ 5c.....	180.65	
County auditor for 3822 descriptions @ 3c	114.66	
Total	\$14,172.62	
Credit balance carried forward.....	1,302.56	
	<u>\$15,475.18</u>	<u>\$15,475.18</u>
1892. Jan'y 1. By credit balance brought forward.....		\$1,302.56

SIXTH WARD STREET FUND.

Credit.

1891. Jan'y 1. By credit balance brought forward.....		\$220.50
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$1,302.24	
Amount collected by county treasurer to May 31, 1891..	7,155.54	
Amount collected by county treasurer to July 31, 1891..	57.19	
Amount collected by county treasurer to Aug. 31, 1891..	18.95	
Amount collected by county treasurer to Sept. 30, 1891..	25.29	
Amount collected by county treasurer to Oct. 31, 1891..	144 40	
Amount collected by county treasurer to Nov. 30, 1891..	51.12	
Total		\$8,847.73
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$31.03	
Amount collected by county treasurer to Feb. 28, 1891..	42.93	
Amount collected by county treasurer to May 31, 1891..	57.63	
Amount collected by county treasurer to Oct. 31, 1891..	36.87	
Total		\$168.46
Minneapolis Street Railway Co., bonus for grading, etc..		224.66
Total credit.....		<u>\$9,461.44</u>

Disbursements.

Pay rolls, labor.....	\$8,841.10	
Lumber, culverts and cross-walks.....	260.57	
Hardware and tools... ..	22.85	
Blanks. ....	.54	
Daniel Finnegan, full settlement, injury.....	100.00	
Total	\$9,225.06	
Credit balance carried forward.....	236 38	
	<u>\$9,461.44</u>	<u>\$9,461.44</u>
1892. Jan'y 1 By credit balance brought forward.....		\$236.38

SIXTH WARD SIDEWALK FUND.

Credit.

1891. Jan'y 1. By credit, balance brought forward		\$3,085.99
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$455.21	
Amount collected by county treasurer to May 31, 1891..	8,240.94	
Amount collected by county treasurer to July 31, 1891..	261.98	
Amount collected by county treasurer to Aug. 31, 1891..	9.90	
Amount collected by county treasurer to Sept. 30, 1891..	28 65	
Amount collected by county treasurer to Oct. 31, 1891..	170 45	
Amount collected by county treasurer to Nov. 30, 1891..	12.47	
Total		\$9,179.60
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$68.40	
Amount collected by county treasurer to Feb. 28, 1891..	46.85	
Amount collected by county treasurer to May 31, 1891..	192.44	
Amount collected by county treasurer to Oct. 31, 1891..	70.64	
Total		\$378.33
Error in charge of Engineer's certificate tax annulled....		19.80
Total credit...		<u>\$12,663.72</u>

Disbursements.

Hardware and nails	\$38.16	
Laying stone sidewalk.....	223.93	
Repairing stone sidewalk.....	50.23	
Laying plank sidewalk.....	164.74	
Lumber	1,652.64	
Livery.....	21.57	
Blanks and books.....	5.85	
Inspecting lumber.....	19.32	
Tax refunded, county treasurer's vouchers.....	3,188.82	
Tax annulled, city engineer's vouchers.....	5,975.50	
County treasurer, receiving and filing engineer's vouchers	22.18	
County auditor, for 413 descriptions @ 5c.....	20.65	
Total.....	\$11,433.50	
Credit balance carried forward	1,230.13	
Total.....	\$12,663.72	\$12,663.72

1892.		
Jan'y 1.	By credit balance brought forward.....	\$1,230.13

SIXTH WARD SPRINKLING FUND

Credit.

1891.		
Jan. 1.	By credit balance brought forward.....	\$770.50
	Taxes—	
	Amount collected by county treasurer to Feb. 28, 1891...	\$287.44
	Amount collected by county treasurer to May 31, 1891...	4,361.57
	Amount collected by county treasurer to July 31, 1891..	45.31
	Amount collected by county treasurer to Aug. 31, 1891..	10.73
	Amount collected by county treasurer to Sept. 30, 1891..	29.97
	Amount collected by county treasurer to Oct. 31, 1891...	102.83
	Amount collected by county treasurer to Nov. 30, 1891..	31.47
	Total.....	\$4,869.32
	Penalties and Interest—	
	Amount collected by county treasurer to Oct. 31, 1890...	\$25.12
	Amount collected by county treasurer to Feb. 28, 1891..	23.11
	Amount collected by county treasurer to May 31, 1891...	51.00
	Amount collected by county treasurer to Oct. 31, 1891...	28.32
	Total.....	\$127.55
	Total credit.....	\$5,767.37

Disbursements.

Pay rolls, sprinkling.....	\$5,427.25	
Blanks and books.....	1.10	
Tax refunded, county treasurer's vouchers.....	77.20	
Tax annulled, city engineer's vouchers.....	23.51	
County auditor, for 1,642 descriptions at 5 c.....	82.10	
County auditor, for 1,757 descriptions at 3 c.....	52.71	
Total.....	\$5,663.96	
Credit balance carried forward.....	103.41	
	\$5,767.37	\$5,767.37

1892.		
Jan. 1.	By credit balance brought forward.....	\$103.41

SEVENTH WARD STREET FUND.

Credit.

1891.		
Jan'y 1.	By credit balance brought forward.....	\$72.11
	Taxes—	
	Amount collected by county treasurer to Feb. 28, 1891..	\$1,347.95
	Amount collected by county treasurer to May 31, 1891..	7,994.10
	Amount collected by county treasurer to July 31, 1891..	98.68
	Amount collected by county treasurer to Aug. 31, 1891..	36.16
	Amount collected by county treasurer to Sep. 30, 1891..	48.21
	Amount collected by county treasurer to Oct. 31, 1891..	274.77
	Amount collected by county treasurer to Nov. 30, 1891..	77.80
	Total.....	\$9,867.67
	Penalties and Interest—	
	Amount collected by county treasurer to Feb. 28, 1890..	\$70.55
	Amount collected by county treasurer to May 31, 1891..	80.07
	Amount collected by county treasurer to Oct. 31, 1891..	68.67
	Total.....	\$219.29
	Advanced by Minneapolis Street Railway Co. for grading, to be refunded July 1, 1892.....	900.00
	Earth sold.....	159.97
	City treasurer, unclaimed on pay rolls, to Dec. 31.....	3.50
	Total credit.....	\$11,222.5

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Disbursements.

1801.			
Jan'y 1.	To debit balance brought forward...	\$30.02	
	Pay rolls, labor.....	8,739.95	
	Hardware and tools....	47.28	
	Rental of machinery and tools.....	57.50	
	Repairing tools	45.13	
	Lumber, culverts and crosswalks.....	114.74	
	Blanks and books.....	1.59	
	George E. Ledgerwood, dividing tax list.....	25.00	
	Transferred to 12th ward street fund. balance due that fund, occasioned by new ward boundaries	1,039.64	
	Time check issued by street commissioner, not on pay rolls	7.00	
	Anna and George Brown, full settlement, injury	500.00	
	Total.....	\$10,607.85	
	Credit balance carried forward.....	614 69	
		<u>\$11,222.54</u>	<u>\$11,222.54</u>
1802.			
Jan'y 1.	By credit balance brought forward.....		\$614.69

SEVENTH WARD SIDEWALK FUND

Credit.

1801.			
Jan. 1.	By credit balance brought forward.....		\$1,616.12
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$606.95	
	Amount collected by county treasurer to May 31, 1891..	8,980.90	
	Amount collected by county treasurer to July 31, 1891..	101.93	
	Amount collected by county treasurer to Aug. 31, 1891..	101.23	
	Amount collected by county treasurer to Sep. 30, 1891..	157.69	
	Amount collected by county treasurer to Oct. 31, 1891..	580.60	
	Amount collected by county treasurer to Nov. 30, 1891..	178.28	
	Total.....		\$10,687.58
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890...	\$23.57	
	Amount collected by county treasurer to Feb. 28, 1891..	48 12	
	Amount collected by county treasurer to May 31, 1891..	26.69	
	Amount collected by county treasurer to Oct. 31, 1891..	138 21	
	Total.....		\$236.59
	Transferred from 12th Ward sidewalk fund. Amount due, occasioned by new Ward boundaries.....		\$30.15
	Error in charge of engineer's certificates. Tax annulled.....		9.00
	Error in charge of tax refunded.....		21.00
	Lumber sold.....		5.30
	Total credit.....		<u>\$12,585.74</u>

Disbursements.

	Hardware and nails.....	\$127.85	
	Laying plank sidewalk.....	356.91	
	Repairing plank sidewalk.....	12.61	
	Lumber.....	2,307.48	
	Livery.....	14.91	
	Blanks and books.....	5.85	
	Inspecting lumber.....	25.82	
	Tax refunded. County treasurer's vouchers.....	5,757.42	
	Tax annulled. City eng. vouchers.....	3,330.17	
	County treasurer. Receiving and filing eng. vouchers...	8.77	
	County auditor for 1,007 descriptions, 5 cents.....	50.35	
	Total....	\$12,088.12	
	Credit balance carried forward.....	497.62	
		<u>\$12,585.74</u>	<u>\$12,585.74</u>
1802.			
Jan. 1	By credit balance brought forward.....		\$497.62

SEVENTH WARD SPRINKLING FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward...		\$552.36
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$ 457.43	
	Amount collected by county treasurer to May 31, 1891..	4,704.95	
	Amount collected by county treasurer to July 31, 1891..	62.03	
	Amount collected by county treasurer to Aug. 31, 1891..	23.11	
	Amount collected by county treasurer to Sept. 30, 1891..	37.70	
	Amount collected by county treasurer to Oct. 31, 1891..	263.68	
	Amount collected by county treasurer to Nov. 30, 1891..	49.94	
	Total		\$5,508.84
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$43.06	
	Amount collected by county treasurer to Feb. 28, 1891..	35.72	
	Amount collected by county treasurer to May 31, 1891..	49.30	
	Amount collected by county treasurer to Oct. 31, 1891..	57.97	
	Total		\$186.05
	Error in charge of engineer's certificates, tax annulled..		7.28
	Total credit		\$6,344.53

Disbursements.

Pay roll, sprinkling.....	\$3,704.10	
Blanks and books.....	1.10	
Transferred to 12th ward sprinkling fund balance due that fund occasioned by new ward boundaries	1,423.41	
Tax refunded, county treasurer's vouchers.....	339.83	
Tax annulled, city engineer's vouchers.....	547.69	
County treas., receiving and filing engineer's vouchers ..	1.18	
County auditor for 1,991 descriptions at 5c	99.55	
County auditor for 2,133 descriptions at 3c.....	63.99	
Total	\$6,180.85	
Credit balance carried forward	163.68	
	<u>\$6,344.53</u>	<u>\$6,344.53</u>
1892.		
Jan'y 1.	By credit balance brought forward.....	\$163.68

EIGHTH WARD STREET FUND.

Credit.

1891.			
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$ 3,269.85	
	Amount collected by county treasurer to May 31, 1891..	17,484.01	
	Amount collected by county treasurer to July 31, 1891..	338.09	
	Amount collected by county treasurer to Aug. 31, 1891..	225.56	
	Amount collected by county treasurer to Sept. 30, 1891..	140.11	
	Amount collected by county treasurer to Oct. 31, 1891..	861.74	
	Amount collected by county treasurer to Nov. 30, 1891..	211.91	
	Total.....		\$22,531.27
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$141.87	
	Amount collected by county treasurer to Feb. 28, 1891..	197.92	
	Amount collected by county treasurer to May 31, 1891..	265.71	
	Amount collected by county treasurer to Oct. 31, 1891..	234.82	
	Total		\$840.32
	Amount transferred from permanent improvement fund, this amount having been charged to this fund Nov 20, 1891, for grading East Lake street.....		\$2,637.39
	Grading for board of education.....		56.80
	Earth sold.....		214.00
	Total credits.....		\$26,279.78

Disbursements.

1891.			
Jan'y 1.	To debit balance brought forward	\$	5.69
	Pay rolls, labor		16,739.16
	Hardware and tools.....		88.30
	Two snow plows.....		13.00
	One road plow		15.00
	Three scrapers.....		126.00
	One American road machine.....		225.00
	Lumber culverts and cross walks.....		919.05
	Fifth ward street fund, sweeping Park avenue.....		180.48
	Repairing tools		108.62
	Amount turned back by city treasurer, refunded.		5.25
	Blanks .....		.54
	Minneapolis St. Ry. Co., advance for grading refunded...		800.00
	Credit of Nov. 20, 1890, error, grading West Lake street...		2,700.00
	W. J. Bowen, judgment for grading.....		897.50
	Chas. Fliteau, judgment for grading.....		538.57
	Total.....	\$23,362.16	
	Credit balance carried forward.....	2,917.62	
		\$26,279.73	\$26,279.78
1892.			
Jan'y 1.	By credit balance brought forward.....		\$2,917.62

EIGHTH WARD SIDEWALK FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$2,277.24
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891 ..	\$1,544.90	
	Amount collected by county treasurer to May 31, 1891..	23,679.20	
	Amount collected by county treasurer to July 31, 1891..	176.26	
	Amount collected by county treasurer to Aug. 31, 1891..	139.11	
	Amount collected by county treasurer to Sept. 30, 1891..	78.45	
	Amount collected by county treasurer to Oct. 31, 1891..	749.62	
	Amount collected by county treasurer to Nov. 30, 1891..	250.72	
	Total.....		\$26,618.26
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$50.15	
	Amount collected by county treasurer to Feb. 28, 1891..	146.00	
	Amount collected by county treasurer to May 31, 1891..	378.76	
	Amount collected by county treasurer to Oct. 31, 1891..	171.51	
	Total.....		\$746.42
	Error in charge of engineer's certificate, tax annulled....		\$25.15
	County treasurer's certificate, tax refunded.....		28.44
	Error in drawing warrant....		.62
	Total credit....		\$29,696.13

Disbursements.

	Laying plank sidewalk.....	\$664.59	
	Laying stone sidewalk.....	867.40	
	Repairing stone sidewalk.....	17.15	
	Hardware and nails.....	181.90	
	Lumber.....	3,396.62	
	Livery.....	18.02	
	Blanks and books.....	5.85	
	Inspecting lumber.....	51.82	
	Tax refunded, county treasurer's vouchers....	5,672.86	
	Tax annulled, city engineer's vouchers.....	17,051.70	
	County treasurer, receiving and filing eng'n'r's vouchers	63.30	
	County auditor, for 1,034 descriptions @ 5c.....	51.70	
	Total	\$28,044.91	
	Credit balance carried forward.....	1,651.22	
		\$29,696.13	\$29,696.13
1892.			
Jan'y 1.	By credit balance brought forward.		\$1,651.22

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EIGHTH WARD SPRINKLING FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$4,270 29
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$846.63	
	Amount collected by county treasurer to May 31, 1891..	8,204.41	
	Amount collected by county treasurer to July 31, 1891..	95.57	
	Amount collected by county treasurer to Aug. 31, 1891..	126.90	
	Amount collected by county treasurer to Sep. 30, 1891..	71.03	
	Amount collected by county treasurer to Oct. 31, 1891..	372.13	
	Amount collected by county treasurer to Nov. 30, 1891..	90.50	
	Total.....		\$9,807.17
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890 .	\$61.37	
	Amount collected by county treasurer to Feb. 28, 1891..	74.21	
	Amount collected by county treasurer to May 31, 1891..	123 08	
	Amount collected by county treasurer to Oct. 31, 1891..	99.84	
	Total.....		\$358.50
	Total credit.....		\$14,435.96

Disbursements.

Pay rolls, sprinkling.....	\$8,528.25	
Sprinkling Park avenue.....	178.00	
Blanks and books.....	2.76	
Tax refunded, county treasurer's vouchers.....	235.79	
Tax annulled, city engineer's vouchers	40.28	
County auditor for 3,800, descriptions @ 5c.....	190.00	
County auditor for 4,030, descriptions @ 3c.....	121.17	
Total	\$9,296.23	
Credit balance carried forward.....	5,139.73	
Total.....	\$14,435.96	\$14,435.96

1892.		
Jan'y 1.	By credit balance brought forward.....	\$5,139.73

NINTH WARD STREET FUND.

Credit.

1891.			
Jan. 1.	By credit balance brought forward.....		\$29.65
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$963.27	
	Amount collected by county treasurer to May 31, 1891..	8,176.43	
	Amount collected by county treasurer to July 31, 1891..	116.25	
	Amount collected by county treasurer to Aug. 31, 1891..	68.68	
	Amount collected by county treasurer to Sept. 30, 1891..	50.90	
	Amount collected by county treasurer to Oct. 31, 1891..	218.72	
	Amount collected by county treasurer to Nov. 30, 1891..	60.25	
	Total.....		\$9,674.50
	Penalties and Interest —		
	Amount collected by county treasurer to Oct. 31, 1890..	\$60.11	
	Amount collected by county treasurer to Feb. 28, 1891..	36.17	
	Amount collected by county treasurer to May 31, 1891..	60.96	
	Amount collected by county treasurer to Oct. 31, 1891..	68 18	
	Total.....		\$225.32
	Board of Education, for grading.....		15.30
	Earth sold.....		168.75
	Total credit.....		\$10,173.52

Disbursements.

Pay rolls, labor	\$9,476.67	
Hardware and tools.....	43.57	
Repairing tools.....	49.95	
Lumber, culverts and cross walks.....	79.92	
Blanks .....	.54	
Grading Central avenue.....	296.30	
Gunder Balley, full settlement injury.....	150.00	
Total.....	\$10,096.95	
Credit balance carried forward.....	76.57	
	\$10,173.52	\$10,173.52

1892.		
Jan. 1.	By credit balance brought forward.....	\$76.57

COMPTROLLER'S REPORT.

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NINTH WARD SIDEWALK FUND.

1891.	<i>Credit.</i>		
Jan'y 1.	By credit balance brought forward.....		\$2,837.23
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$1,444.51	
	Amount collected by county treasurer to May 31, 1891..	20,833.20	
	Amount collected by county treasurer to July 31, 1891..	419.11	
	Amount collected by county treasurer to Aug. 31, 1891..	145.38	
	Amount collected by county treasurer to Sept. 30, 1891..	157.23	
	Amount collected by county treasurer to Oct. 31, 1891..	457.14	
	Amount collected by county treasurer to Nov. 30, 1891..	237.09	
	Total.....		\$23,193.66
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$76.16	
	Amount collected by county treasurer to Feb. 28, 1891..	136.44	
	Amount collected by county treasurer to May 31, 1891..	178.50	
	Amount collected by county treasurer to Oct. 31, 1891..	176.82	
	Total.....		\$567.92
	Error in charge of engineer's certificate tax annulled....		346.86
	Error in charge of tax refunded.....		12.88
	Error in drawing warrant.....		100.56
	Total credit.....		\$27,159.11
	<i>Disbursements.</i>		
	Laying plank sidewalk.....	\$570.90	
	Laying stone sidewalk.....	370.32	
	Repairing stone sidewalk.....	132.40	
	Livery.....	24.15	
	Blanks and books.....	5.85	
	Lumber.....	4,149.15	
	Inspecting lumber.....	48.57	
	Tax refunded county treasurer's vouchers.....	7,238.04	
	Tax annulled, city engineer's vouchers.....	12,129.62	
	County treasurer, receiving and filing engineer's vouchers	42.45	
	County auditor for 1,520 descriptions @ 5c.....	76.00	
	Hardware and nails.....	221.35	
	Total.....	\$25,008.89	
	Credit balance carried forward.....	2,050.22	
	Total.....	\$27,059.11	\$27,059.11
1892.			
Jan'y 1.	By credit balance brought forward.....		\$2,050.22

NINTH WARD SPRINKLING FUND.

1891.	<i>Credit.</i>		
Jan. 1	By credit balance brought forward.....		\$111.52
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$243.51	
	Amount collected by county treasurer to May 31, 1891..	4,134.16	
	Amount collected by county treasurer to July 31, 1891..	58.95	
	Amount collected by county treasurer to Aug. 31, 1891..	68.00	
	Amount collected by county treasurer to Sep. 30, 1891..	29.05	
	Amount collected by county treasurer to Oct. 31, 1891..	79.85	
	Amount collected by county treasurer to Nov. 30, 1891..	24.06	
	Total.....		\$4,637.58
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$22.68	
	Amount collected by county treasurer to Feb. 28, 1891..	17.29	
	Amount collected by county treasurer to May 31, 1891..	24.65	
	Amount collected by county treasurer to Oct. 31, 1891..	35.37	
	Total.....		\$99.99
	Total credit.....		\$4,849.09
	<i>Disbursements.</i>		
	Pay rolls, sprinkling..	\$3,822.00	
	Blanks.....	.95	
	Tax refunded. County treasurer's vouchers.....	312.78	
	Tax annulled. City eng. vouchers.....	473.55	
	County treasurer. Receiving and filing eng. vouchers...	1.75	
	County auditor for 1,374 descriptions, 5 cents.....	68.70	
	County auditor for 2,124 descriptions, 3 cents.....	63.72	
	Total.....	\$4,743.45	
	Credit balance carried forward.....	105.64	
		\$4,849.09	\$4,849.09
1892.			
Jan. 1.	By credit balance brought forward.....		\$105.64

CITY OF MINNEAPOLIS.

TENTH WARD STREET FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$798.91
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$1,667.90	
	Amount collected by county treasurer to May 31, 1891..	5,090.99	
	Amount collected by county treasurer to July 31, 1891..	89.78	
	Amount collected by county treasurer to Aug. 31, 1891..	38.61	
	Amount collected by county treasurer to Sept. 30, 1891..	47.66	
	Amount collected by county treasurer to Oct. 31, 1891..	212.08	
	Amount collected by county treasurer to Nov. 30, 1891..	49.84	
	Total.....		\$8,006.46
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$76.45	
	Amount collected by county treasurer to Feb. 28, 1891..	78.86	
	Amount collected by county treasurer to May 31, 1891..	70.55	
	Amount collected by county treasurer to Oct. 31, 1891..	58.35	
	Total.....		\$284.21
	Minneapolis Street Railway Co., bonus grading.....		125.00
	North Side Street Railway Co., bonus grading.....		175.00
	Transferred from contingent fund grading.....		350.00
	Earth sold.....		338.45
	Total credit.....		\$10,168.03

Disbursements.

Pay rolls, labor.....	\$8,326.90	
Hardware and tools.....	178.12	
Lumber, culverts and crosswalks.....	161.95	
Repairing tools.....	101.34	
Blanks.....	54	
Grading 32d avenue north, contract.....	686.66	
Total.....	\$9,455.51	
Credit balance carried forward.....	712.52	
	\$10,168.03	\$10,168.03

1892.		
Jan'y 1.	By credit balance brought forward.....	\$712.52

TENTH WARD SIDEWALK FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$38.47
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$443.92	
	Amount collected by county treasurer to May 31, 1891..	4,668.64	
	Amount collected by county treasurer to July 31, 1891..	104.33	
	Amount collected by county treasurer to Aug. 31, 1891..	51.88	
	Amount collected by county treasurer to Sept. 30, 1891..	20.00	
	Amount collected by county treasurer to Oct. 31, 1891..	44.27	
	Amount collected by county treasurer to Nov. 30, 1891..	54.28	
	Total.....		\$5,387.32
	Penalties and Interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$28.73	
	Amount collected by county treasurer to Feb. 28, 1891..	29.31	
	Amount collected by county treasurer to May 31, 1891..	29.41	
	Amount collected by county treasurer to Oct. 31, 1891..	33.07	
	Total.....		\$120.52
	Error in pay roll.....		35.61
	Total credit.....		\$5,581.92

Disbursements.

Laying plank sidewalk.....	\$501.71	
Hardware and nails.....	162.99	
Blanks and books.....	5.85	
Lumber.....	2,811.12	
Inspecting lumber.....	12.82	
Livery.....	11.97	
Tax refunded, county treasurer's vouchers.....	754.17	
Tax annulled, city engineer's vouchers.....	1,437.24	
County treas., receiving and filing engineer's vouchers..	5.42	
County auditor for 317 descriptions at 5c.....	15.85	
Total.....	\$5,719.14	
Debit balance carried forward.....		\$137.22

1892.		
Jan'y 1,	To debit balance brought forward.....	\$137.22

TENTH WARD SPRINKLING FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$251.02
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$44 12	
	Amount collected by county treasurer to May 31, 1891..	650.77	
	Amount collected by county treasurer to Aug. 31, 1891..	3 21	
	Amount collected by county treasurer to Sept. 30, 1891..	4.13	
	Amount collected by county treasurer to Oct. 31, 1891..	8.37	
	Amount collected by county treasurer to Nov. 30, 1891..	9.24	
	Total		\$719.84
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$3.44	
	Amount collected by county treasurer to Feb. 28, 1891..	5.30	
	Amount collected by county treasurer to May 31, 1891..	3.40	
	Amount collected by county treasurer to Oct. 31, 1891..	2.35	
	Total		\$14.49
	Total credit.....		\$085.55

Disbursements.

Pay rolls. sprinkling.....	\$504.00	
Sprinkler repairs.....	6.40	
Blanks.....	15	
Tax refunded, county treasurer's vouchers.....	12 37	
Tax annulled, city engineer's vouchers.....	13.28	
County auditor, for 171 descriptions @ 5c.....	8.55	
County auditor, for 177 descriptions @ 3c.....	5.31	
Total ...	\$550.06	
Credit balance carried forward.....	435.89	
	<u>\$085.25</u>	<u>\$085.95</u>

1892.		
Jan'y 1.	By credit balance brought forward.....	\$435.89

ELEVENTH WARD STREET FUND.

Credit.

1891.			
Jan'y 1.	By credit balance brought forward.....		\$246.60
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$796.40	
	Amount collected by county treasurer to May 31, 1891..	5,379.84	
	Amount collected by county treasurer to July 31, 1891..	61.36	
	Amount collected by county treasurer to Aug. 31, 1891..	26.29	
	Amount collected by county treasurer to Sep. 30, 1891..	48.60	
	Amount collected by county treasurer to Oct. 31, 1891..	283.16	
	Amount collected by county treasurer to Nov. 30, 1891..	32.67	
	Total.....		\$6,623.32
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$37 63	
	Amount collected by county treasurer to Feb. 28, 1891..	43 88	
	Amount collected by county treasurer to May 31, 1891..	75.46	
	Amount collected by county treasurer to Oct. 31, 1891..	62.91	
	Total.....		\$219.90
	Minneapolis Street Railway Co. bonds for grading.....		\$00.00
	Earth sold.....		44.15
	Total credit.....		\$7,938.97

Disbursements.

Pay rolls. labor.....	\$5,553.44	
Hardware and tools.	52 00	
Repairing tools	36.50	
Lumber, culverts and cross walks..	178.29	
Rent of barn for storage.....	12.00	
Blanks.....	.54	
Total.....	\$5,832 77	
Credit balance carried forward.....	2,106.20	
Total.....	<u>\$7,938.97</u>	<u>\$7,938.97</u>

1892.		
Jan'y 1.	By credit balance brought forward.....	\$2,106.20

ELEVENTH WARD SIDEWALK FUND.

Credit.

Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$963.70	
Amount collected by county treasurer to May 31, 1891..	4,140.51	
Amount collected by county treasurer to July 31, 1891..	49.35	
Amount collected by ceunty treasurer to Aug. 31, 1891..	47.79	
Amount collected by county treasurer to Oct. 31, 1891..	171.38	
Amount collected by county treasurer to Nov. 30, 1891..	105.99	
Total.....		\$5,478.72
Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$81.01	
Amount collected by county treasurer to Feb. 28, 1891..	105.84	
Amount collected by county treasurer to May 31, 1891..	126.82	
Amount collected by county treasurer to Oct. 31, 1891..	40.27	
Total..		\$353.94
Error in charge of eng. certificate. ,Tax annulled.....		12.50
Total credit.....		\$5,845.16

Disbursements.

1891.		
Jan. 1. To debit balance brought forward.....	\$1,272.75	
Pay rolls, labor.	90.00	
Laying plank sidewalk.....	20.85	
Hardware and nails.....	50.65	
Lumber.....	612.04	
Inspecting lumber.....	12.82	
Livery.. ...	14.99	
Blanks and books.....	5.85	
Tax refunded, county treasurer's vouchers.	1,367.93	
Tax annulled, city eng. vouchers.....	2,972.98	
County treasurer, receiving and filing eng. vouchers.....	8.95	
County auditor, 245 descriptions, 5 cents	12.25	
Total.....	\$6,442.06	
Debit balance carried forward.....		\$596.90
	\$6,442.06	\$6,442.06
1892.		
Jan. 1. To debit balance brought forward.....	\$596.90	

ELEVENTH WARD SPRINKLING FUND.

Credit.

1891.		
Jan'y 1. By credit balance brought forward.....		\$572.42
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$508.94	
Amount collected by county treasurer to May 31, 1891..	6,057.36	
Amount collected by county treasurer to July 31, 1891..	57.65	
Amount collected by county treasurer to Aug. 31, 1891..	29.75	
Amount collected by county treasurer to Sept. 30, 1891..	52.18	
Amount collected by county treasurer to Oct. 31, 1891..	244.29	
Amopnt collected by county treasurer to Nov. 30, 1891..	53.95	
Total		\$7,094.03
Penalties and Interest—		
Amount collected by county treasurer to Oct. 31, 1890...	\$36.48	
Amount collected by county treasurer to Feb. 28, 1891..	54.26	
Amount collected by county treasurer to May 31, 1891..	74.46	
Amount collected by county treasurer to Oct. 31, 1891...	47.56	
Total.....		\$212.76
Total credit.....		\$7,879.21

Disbursements.

Pay rolls, sprinkling.....	\$6,315.25	
Blanks and books	1.38	
Tax refunded, county treasurer's vouchers.....	83.83	
Tax annulled, city engineer's vouchers.....	31.35	
County treasurer, receiving and filing engineer's vouchers	13	
County auditor, for 2,810 descriptions at 5 c.....	140.50	
County auditor, for 3,057 descriptions at 3 c.....	91.71	
Total.....	\$6,663.65	
Credit balance carried forward... ..	1,215.56	
	\$7,879.21	\$7,879. 21
1892.		
Jan'y 1.. By credit balance brought forward.....		\$1,215.56

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TWELFTH WARD STREET FUND.

1891.	<i>Credit.</i>	
Jan'y 1.	By credit balance brought forward.....	\$467.80
	Taxes—	
	Amount collected by county treasurer to Feb. 28, 1891..	\$632.78
	Amount collected by county treasurer to May 31, 1891..	4,338.52
	Amount collected by county treasurer to July 31, 1891..	75.05
	Amount collected by county treasurer to Aug. 31, 1891..	24.51
	Amount collected by county treasurer to Sept. 30, 1891..	24.05
	Amount collected by county treasurer to Oct. 31, 1891..	200.97
	Amount collected by county treasurer to Nov. 30, 1891..	38.72
	Total	\$5,334.00
	Penalties and interest—	
	Amount collected by county treasurer to Oct. 31, 1890..	\$51.66
	Amount collected by county treasurer to Feb. 28, 1891..	31.16
	Amount collected by county treasurer to May 31, 1891..	55.76
	Amount collected by county treasurer to Oct. 31, 1891..	48.66
	Total	\$187.28
	Board of Education bonus grading	46.50
	Minneapolis Street Railway Co., bonus grading	95.83
	Earth sold.....	398.74
	Transferred from seventh ward street fund amount due occasioned by new ward boundaries.....	1,039.64
	Total credit.....	\$7,570.37
	<i>Disbursements.</i>	
	Pay rolls, labor.....	\$7,362.49
	Hardware and tools	87.07
	Repairing tools.....	22.95
	Lumber, culverts and cross walks.....	179.10
	Blanks .....	.54
	George E. Ledgewood, dividing tax lists.....	25.00
	Total	\$7,677.15
	Debit balance carried forward	\$106.78
	Total	\$7,677.15
1892.		
Jan'y 1.	To debit balance brought forward.....	\$106.78

TWELFTH WARD SIDEWALK FUND.

1891.	<i>Credit.</i>	
Jan'y 1.	By credit balance brought forward.....	\$187.16
	Taxes—	
	Amount collected by county treasurer to Feb. 28, 1891..	\$508.09
	Amount collected by county treasurer to May 31, 1891..	2,801.89
	Amount collected by county treasurer to July 31, 1891..	27.13
	Amount collected by county treasurer to Sep. 30, 1891..	.30
	Amount collected by county treasurer to Oct. 31, 1891..	248.44
	Amount collected by county treasurer to Nov. 30, 1891..	12.65
	Total	\$3,598.50
	Penalties and interest—	
	Amount collected by county treasurer to Oct. 31, 1890..	\$29.89
	Amount collected by county treasurer to Feb. 28, 1891..	51.32
	Amount collected by county treasurer to May 31, 1891..	69.02
	Amount collected by county treasurer to Oct. 31, 1891..	41.38
	Total	\$191.61
	Error in charge of engineer's certificate, tax annulled...	8.27
	Total credit.....	\$3,985.54
	<i>Disbursements.</i>	
	Laying plank sidewalk.....	\$87.44
	Hardware and nails.....	29.15
	Livery.....	7.23
	Lumber	547.51
	Inspecting Lumber.....	9.57
	Blanks and books.....	8.85
	Transferred to 7th ward sidewalk fund, balance due that fund, occasioned by new ward boundries.....	30.15
	Tax refunded, county treasurer vouchers	1,697.23
	Tax annulled, city engineer's vouchers.....	1,463.59
	County treasurer, receiving and filing engineer's vouchers	3.19
	County auditor for 275 descriptions @ 5c.....	13.75
	Total	\$3,877.66
	Credit balance carried forward.....	107.88
		\$3,985.54
1892		
Jan'y 1.	By credit balance brought forward.....	\$107.88

TWELFTH WARD SPRINKLING FUND.

Credit.

1891.		
Jan'y 1.	By credit balance brought forward.....	\$22.94
	Taxes—	
	Amount collected by county treasurer to Feb. 28, 1891..	\$13.35
	Amount collected by county treasurer to May 31, 1891..	124.58
	Amount collected by county treasurer to July 31, 1891..	24.56
	Amount collected by county treasurer to Aug. 31, 1891..	7.86
	Amount collected by county treasurer to Sept. 30, 1891..	13.92
	Amount collected by county treasurer to Oct. 31, 1891..	2.18
	Amount collected by county treasurer to Nov. 30, 1891..	21.84
	Total.....	\$208.29
	Penalties and interest—	
	Amount collected by county treasurer to Oct. 31, 1890..	\$.42
	Amount collected by county treasurer to Feb. 28, 1891..	.99
	Amount collected by county treasurer to May 31, 1891..	8.65
	Amount collected by county treasurer to Oct. 31, 1891..	7.27
	Total.....	\$17.33
	Transferred from seventh ward sprinkling fund amount due, occasioned by new ward boundaries.....	\$1,423.41
	Total credit.....	\$1,671.97

Disbursements.

Pay rolls, sprinkling.....	\$1,254.12
Blanks.....	.15
Tax refunded, county treasurer's vouchers.....	30.87
Tax annulled, city engineer's vouchers.....	34.10
County auditor, for 53 descriptions @ 5c.....	2.65
County auditor, for 718 descriptions @ 3c.....	21.54
Total.....	\$1,343.43
Credit balance carried forward.....	328.54
	\$1,671.97
	\$1,671.97

1892.		
Jan'y 1.	By credit balance brought forward.....	\$328.54

THIRTEENTH WARD STREET FUND.

Credit.

1891.		
Jan'y 1.	By credit balance brought forward.....	\$7.72
	Taxes—	
	Amount collected by county treasurer to Feb. 28, 1891..	\$1,229.63
	Amount collected by county treasurer to May 31, 1891..	6,760.90
	Amount collected by county treasurer to July 31, 1891..	134.40
	Amount collected by county treasurer to Aug. 31, 1891..	33.03
	Amount collected by county treasurer to Sept. 30, 1891..	39.90
	Amount collected by county treasurer to Oct. 31, 1891..	271.34
	Amount collected by county treasurer to Nov. 30, 1891..	46.62
	Total.....	\$8,515.82
	Penalties and interest—	
	Amount collected by county treasurer to Oct. 31, 1890..	\$58.17
	Amount collected by county treasurer to Feb. 28, 1891..	84.01
	Amount collected by county treasurer to May 31, 1891..	73.95
	Amount collected by county treasurer to Oct. 31, 1891..	71.81
	Total.....	\$287.94
	Board of park commissioners, bonus for grading	300.00
	Earth sold.....	120.00
	Error in pay roll.....	8.00
	Total credit.....	\$9,230.66

Disbursements.

Pay roll, labor.....	\$7,333.73
Hardware and tools	26.03
Repairing tools.....	65.86
Lumber, culverts and cross-walks.....	140.58
Blanks.....	.54
Advanced by D. D. Farnsworth refunded.....	291.60
Total.....	\$7,863.34
Credit balance carried forward.....	1,376.31
	\$9,239.65
	\$9,239.65

1892.		
Jan'y 1.	By credit balance brought forward.....	\$1,376.31

THIRTEENTH WARD SIDEWALK FUND.

Credit.

1801.			
Jan'y 1.	By credit balance brought forward.....		\$378.71
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$419.76	
	Amount collected by county treasurer to May 31, 1891..	1,330.23	
	Amount collected by county treasurer to July 31, 1891..	9.00	
	Amount collected by county treasurer to Aug. 31, 1891..	41.55	
	Amount collected by county treasurer to Sept. 30, 1891..	41.10	
	Amount collected by county treasurer to Oct. 31, 1891..	217.10	
	Total		\$2,058.74
	Penalties and interest—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$8.98	
	Amount collected by county treasurer to May 31, 1891..	1.53	
	Amount collected by county treasurer to Oct. 31, 1891..	46.31	
	Total		\$56.82
	Error in charge of engineer's certificate, tax annulled...		75.25
	Total credit.....		\$2,560.52

Disbursements.

Laying plank sidewalk.....	\$157.40	
Lumber.....	1,348.62	
Inspecting lumber.....	6.32	
Livery.....	1.00	
Hardware and nails	62.95	
Blanks and books.....	5.83	
Tax refunded, county treasurer's vouchers.....	218.83	
Tax annulled, city engineer's vouchers.....	492.89	
Co. treasurer, receiving and filing engineer's vouchers...	1.68	
County auditor, for 177 descriptions @ 5c.....	8.85	
Total	\$2,304.38	
Credit balance carried forward	256.14	
		\$2,560.52
		\$2,560.52

1802.		
Jan'y 1.	By credit balance brought forward.....	\$265.14

THIRTEENTH WARD SPRINKLING FUND.

Credit.

1801.			
Jan. 1.	By credit balance brought forward.....		\$43.64
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$71.46	
	Amount collected by county treasurer to May 31, 1891..	231.02	
	Amount collected by county treasurer to July 31, 1891..	2.52	
	Amount collected by county treasurer to Nov. 30, 1891..	2.94	
	Total.....		\$307.94
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$6.29	
	Amount collected by county treasurer to May 31, 1891..	1.53	
	Amount collected by county treasurer to Oct. 31, 1891..	.37	
	Total.....		\$8.19
	Total credit.....		\$350.77

Disbursements.

Blanks..	.15	
Lakewood Cemetery Association, sprinkling.	\$200.00	
Tax refunded. County treasurer's vouchers..	23.54	
Tax annulled. City eng. vouchers.....	23.88	
County auditor for 141 descriptions, 5 cents.....	7.05	
Total....	\$254.62	
Credit balance carried forward.....	105.15	
		\$359.77
		\$359.77

1802.		
Jan. 1.	By credit balance brought forward....	\$105.15

CITY PARK FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

A tax not to exceed 1 mill shall be levied upon all the taxable property of the city sufficient to defray the current expense of maintaining the public park system of the city for the next fiscal year.

REVENUE FOR 1892.

Tax levied 1891 for 1892, 8-10 of 1 mill.....		\$110,755.65
<i>Credit.</i>		
Taxes—		
Amount collected by county treasurer to Feb. 28, 1891..	\$22,497.32	
Amount collected by county treasurer to May 31, 1891..	164,311.19	
Amount collected by county treasurer to July 31, 1891..	1,670.60	
Amount collected by county treasurer to Aug. 31, 1891..	715.77	
Amount collected by county treasurer to Sep. 30, 1891..	703.77	
Amount collected by county treasurer to Oct. 31, 1891..	3,525.57	
Amount collected by county treasurer to Nov. 30, 1891..	1,019.43	
Total.....		\$194,443.65
Penalties and interest—		
Amount collected by county treasurer to Oct. 31, 1890..	\$617.16	
Amount collected by county treasurer to Feb. 28, 1891..	700.23	
Amount collected by county treasurer to May 31, 1891..	952.17	
Amount collected by county treasurer to Oct. 31, 1891..	992.35	
Total.....		\$3,261.91
Miscellaneous—		
Proceeds, bills payable, discounted.....		\$54,096.91
W. G. Nye, secretary, collections.....		861.50
Minneapolis Street Railway Co. on account of Hennepin avenue boulevard.....		25,000.00
Boat rentals.....		5,131.77
Sale of privileges.....		1,270.00
Sale of buildings.....		1,857.00
Sale of trees.....		1,312.25
Total credits.....		\$291,234.99

Debit.

1891.			
Jan'y 1.	To debit balance brought forward.....	\$1,943.56	
	To interest on city park bonds, etc.....	32,633.57	
	To salaries and expenses.....	15,458.90	
	To bills payable paid.....	100,999.75	
	To lands purchased..	44,575.48	
	To improvements.....	41,925.81	
	To care and maintenance of parks, etc.....	41,389.25	
	To trees and planting..	4,598.80	
	To tools and miscellaneous supplies.....	2,078.13	
	Total.....	\$288,603.25	
	Credit balance carried forward.....	2,631.74	
	Total.....	\$291,234.99	\$291,234.99
1892.			
Jan'y 1.	By credit balance brought forward.....		\$2,631.74

The Department of Charities and Corrections.

HOW CREATED.

Senate file No. 896, Special Laws of the State of Minnesota, session 1891. Having charge of the management and control of the poor department, city hospital and work house of the city of Minneapolis.

1891. *Credit.*

July 1. By unexpended balance for the year of 1891 of amounts appropriated for the maintenance of the following departments:

Work house.....	\$10,014.57	
City hospital.....	5,533.80	
Poor department.....	16,481.09	
City physician.....	750.00	
Assistant city physician.....	450.00	
Total.....		\$33,229.46
John West, supt. of work house collections.....		51.07
O. L. Snyder, secretary, etc., work house collections.....		66.28
Total credit.....		\$33,346.81

Poor Department— *Disbursements.*

Hennepin county poor farm, care of poor.....	\$1,570.57	
Hospitals, care of sick.....	1,787.63	
Burials.....	433.00	
Transportation.....	349.09	
Incidentals.....	124.35	
Medicines.....	148.92	
Telephone service.....	45.00	
Stationery.....	10.79	
Groceries.....	1,576.15	
Conveyance.....	117.50	
Fuel.....	347.45	
Blank books.....	21.50	
Trustees.....	24.50	
Nursing.....	96.58	
Advertising.....	63.63	
Salaries.....	1,309.98	
Total.....		\$8,116.64

City Hospital—

Salaries, city physician, assistant, and hospital employes.....	\$2,871.67	
Wines and liquors.....	93.80	
Printing and stationery.....	25.25	
Drugs.....	275.05	
Surgical instruments and appliances.....	260.30	
Groceries and provisions.....	598.90	
Meats.....	314.35	
Fuel and lights.....	409.04	
Rent.....	240.00	
Am. Dist. Tel Co. and N. W. Telephone Co., services.....	23.30	
Scavenger services.....	12.00	
Furniture and fixtures.....	25.00	
Incidentals.....	101.97	
Milk.....	403.28	
Dry goods.....	105.37	
Repairs to building.....	117.19	
Flour.....	86.00	
Insurance.....	30.00	
Total.....		\$5,995.37
Miscellaneous office expense.....		73.00

Work House—

Salaries.....	\$5,053.74	
Insurance.....	503.75	
Printing and stationery.....	18.23	
Tools.....	4.85	
Fuel and light.....	152.79	
Expense account.....	294.90	
Building and repairs.....	278.45	
Clothing and bedding.....	374.03	
Living.....	1,156.05	
Medical expense.....	35.87	
Farm and garden.....	2.80	
Feed.....	488.57	
House furnishings.....	288.23	
Stock, harness and implements.....	16.38	
Total.....		\$8,756.64

Total debt.....	\$22,943.65	
Credit balance carried forward.....	10,403.16	

\$33,346.81 \$33,346.81

1892.

Jan'y 1. By credit balance brought forward..... \$10,403.16

Trial Balance, "General Ledger," Jan. 1, 1892.

K. Kortgaard, city treasurer.....	\$210,044.29	
General fund.....		\$48,169.46
Permanent improvement fund.....		27,070.17
Waterworks fund.....		12,452.31
Permanent improvement revolving fund....	73,516.44	
City park fund.....		2,631.74
Sinking fund.....		731,629.59
Board of sinking fund commissioners.....	731,629.59	
The department of charities and corrections fund.....		10,403.16
First ward street fund..		101.17
First ward sidewalk fund.	641.68	
First ward sprinkling fund.....		43.09
Second ward street fund.....		1,373.16
Second ward sidewalk fund.....	445.44	
Second ward sprinkling fund.....		970.30
Third ward street fund.....		976.99
Third ward sidewalk fund.....		2,289.57
Third ward sprinkling fund.....		5,896.88
Fourth ward street fund.....		161.16
Fourth ward sidewalk fund.....		969.15
Fourth ward sprinkling fund.....		2,031.65
Fifth ward street fund.....		2,374.38
Fifth ward sidewalk fund.....	148.40	
Fifth ward sprinkling fund.....		1,302.56
Sixth ward street fund.....		236.38
Sixth ward sidewalk fund.....		1,230.13
Sixth ward sprinkling fund.....		103.41
Seventh ward street fund.....		614.69
Seventh ward sidewalk fund.....		497.62
Seventh ward sprinkling fund.....		163.08
Eighth ward street fund.....		2,917.62
Eighth ward sidewalk fund.....		1,651.22
Eighth ward sprinkling fund.....		5,139.73
Ninth ward street fund.....		76.57
Ninth ward sidewalk fund.....		2,050.22
Ninth ward sprinkling fund.....		105.64
Tenth ward street fund.....		712.52
Tenth ward sidewalk fund.....	137.22	
Tenth ward sprinkling fund.....		435.89
Eleventh ward street fund.....		2,106.20
Eleventh ward sidewalk fund.....	596.90	
Eleventh ward sprinkling fund.....		1,215.56
Twelfth ward street fund.....	106.78	
Twelfth ward sidewalk fund.....		107.88
Twelfth ward sprinkling fund.....		328.54
Thirteenth ward street fund.....		1,376.31
Thirteenth ward sidewalk fund.....		265.14
Thirteenth ward sprinkling fund.....		105.15
Interest fund.....		50,730.48
City park warrants.....		89.57
Warrants.....		92,251.93
The department of charities and corrections warrants.....		1,907.27
City bonds.....		7,540,500.00
City park bonds.....	748,000.00	
City of Minneapolis.....		12,162,273.72
Board of education bonds.....	512,500.00	
Board of park commissioners.....	21,550.43	
Public library bonds.....	100,000.00	
New court house and city hall bonds.....	700,000.00	
Hennepin county.....	517,665.18	
Bridges over Mississippi river.....	915,411.69	
Bridges over Bassett's creek.....	75,836.11	
Board of education, property account.....	2,229,595.63	
Parks, parkways and boulevards.....	4,064,200.82	
Sundry bridges.....	66,165.41	
North side pumping station.....	278,646.10	
East side pumping station.....	114,550.86	
Water mains.....	2,053,239.86	
Fire department property account.....	387,837.16	
Asphalt pavement.....	58,218.95	
Miscellaneous property.....	15,528.54	
Granite block pavement.....	296,856.77	
Cedar block pavement.....	809,576.04	
Curb and gutters.....	546,570.39	
Boulder pavement.....	4,756.35	
Sewer system.....	3,235,145.10	
Viaducts and bridges over and under railway tracks.....	135,840.21	
Library board property account.....	340,959.90	
North Minneapolis pumping station.....	241,015.71	
City hall, old.....	256,121.85	
Quarantine hospital.....	8,207.00	
Workhouse.....	181,189.26	
Police department property account.....	78,950.36	
City hall, new.....	1,000,000.00	
Miscellaneous personal property account.....	246,204.22	
Tax levy 1886 and prior years.....		52,334.15
Tax levy 1887.....		19,536.79
Tax levy 1888.....		41,509.77
Tax levy 1889.....		91,148.24
Tax levy 1890.....		312,138.28
		<hr/>
		\$21,257,705.64 \$21,257,705.64

TRIAL BALANCE.

"Board of Education" Trial Balance, January 1, 1892.

K. Kortgaard city treasurer.....	\$7,999.88	
School fund.....		\$5,325.02
Warrant account.....		2,674.86
Bonds, east and west division.....		18,000.00
Real estate.....	73,528.27	
City of Minneapolis bonds.....		494,500.00
Board of education.....		1,221,317.91
Bills payable.....		108,741.00
Furniture.....	99,903.35	
Hennepin county.....	108,354.70	
Tax levy 1886 and prior years.....		8,496.79
Tax levy 1887.....		6,308.12
Tax levy 1888.....		7,329.66
Tax levy 1889.....		19,996.64
Tax levy 1890.....		66,223.48
Evertt school.....	36,039.98	
Franklin school.....	34,503.41	
Humbolt school.....	22,814.83	
Jefferson school.....	34,899.77	
Jackson school.....	49,539.58	
Lincoln school.....	26,257.31	
Madison school.....	71,831.24	
Marcy school.....	26,252.31	
Monroe school.....	39,130.21	
Winthrop school.....	57,625.67	
Webster school.....	39,932.30	
Clay school.....	26,233.77	
Garfield school.....	28,275.08	
Hawthorn school.....	20,478.33	
Douglass school.....	1,199.65	
Tuttle school.....	18,406.52	
Lyndale school.....	25,812.25	
Irving school.....	21,685.70	
Harrison school.....	28,156.68	
Prescott school.....	27,878.11	
Emerson school.....	54,350.90	
Motley school.....	35,671.95	
Lowell school.....	40,639.22	
Holland school.....	24,752.40	
Horace Mann school.....	25,996.73	
Longfellow school.....	31,178.27	
Peabody school.....	35,721.47	
Calhoun school.....	35,330.22	
Bremer school.....	27,125.04	
Seward school.....	40,514.85	
Washington school.....	99,802.65	
Central High school.....	160,919.66	
Adams school.....	64,586.42	
Sumner school.....	31,886.64	
Whittier school.....	21,535.21	
North side high school.....	74,918.26	
Greely school.....	50,382.10	
Corcoran school.....	27,694.11	
Bancroft school.....	21.25	
Grant school.....	33,240.88	
Clinton school.....	32,530.77	
Minnehaha school.....	20,161.49	
Hamilton school.....	13,567.55	
Schiller school.....	14,378.02	
Holmes school.....	35,269.44	
	<u>\$ 1,958,913.49</u>	<u>\$1,958,913.49</u>

LIBRARY FUND.

RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING
DECEMBER 31, 1891.

HOW CREATED.

A tax not to exceed 5-10 of 1 mill shall be levied upon all the taxable property of the city, sufficient to maintain and govern the public library of the city for the next fiscal year.

REVENUE FOR 1892.

Tax levied 1891 for 1892, 4-10 of 1 mill..... \$55,377.82

Credit.

1891. Jan'y 1.	By credit balance brought forward		\$25.31
	Taxes—		
	Amount collected by county treasurer to Feb. 28, 1891..	\$11,492.30	
	Amount collected by county treasurer to May 31, 1891..	50,944.51	
	Amount collected by county treasurer to July 31, 1891..	413.13	
	Amount collected by county treasurer to Aug. 31, 1891..	209.15	
	Amount collected by county treasurer to Sept. 30, 1891..	215.67	
	Amount collected by county treasurer to Oct. 31, 1891..	1,104.33	
	Amount collected by county treasurer to Nov. 30, 1891..	261.33	
	Total	— —	\$64,640.42
	Penalties and interest—		
	Amount collected by county treasurer to Oct. 31, 1890..	\$196.32	
	Amount collected by county treasurer to Feb. 28, 1891..	320.00	
	Amount collected by county treasurer to May 31, 1891..	424.52	
	Amount collected by county treasurer to Oct. 31, 1891..	312.82	
	Total	— —	\$1,253.66
	Bills payable		10,600.00
	Herbert Putnam, librarian, miscellaneous collections...		1,786.82
	Elisha Morse, subscription.....		400.00
	Interest charged on library board bonds refunded.....		6,450.00
	Total credit.....		\$85,056.21

Disbursements.

Building.....	\$549.39	
Bills payable	27,500.00	
Books.....	7,070.48	
Furniture	814.81	
Interest	5,410.71	
Incidentals.....	997.46	
Supplies.....	1,600.68	
Fuel.....	1,487.28	
Periodicals.....	2,320.17	
Lights	2,558.05	
Insurance.....	153.75	
Salaries.	15,011.54	
Janitors	3,464.45	
Binding	2,637.41	
Printing.....	338.38	
Rent	246.66	
Repairs.....	889.37	
Furnishings	884.30	
Total	\$73,934.89	
Credit balance carried forward ..	11,121.32	
	\$85,056.21	\$85,056.21
1892. Jan'y 1.	By credit balance brought forward	\$11,121.32

TRIAL BALANCE.

“Board of Library Commissioners’ ” Trial Balance, January 1, 1892.

K. Kortgaard, city treasurer	\$11,189.48	
Library fund		\$11,121.32
Warrants		68 14
City of Minneapolis bonds.....		100,000.00
Real estate	58,867.89	
Building	249,809.20	
Board of library commissioners.....		252,886.81
Books.....	26,945.82	
Furniture.....	17,263.81	
Hennepin county	13,282.61	
Tax levy 1886 and prior years.....		498.79
Tax levy 1887		734.72
Tax levy 1888		849.66
Tax levy 1889		2,548.22
Tax levy 1890		8,651.22
Total	\$377,358.88	\$377,358.88

ANNUAL REPORT
CITY TREASURER,
1891.

CITY TREASURER'S DEPARTMENT.

K. KORTGAARD,
City Treasurer.

J. J. ANKENY,
Assistant Treasurer.

ALGATE ANDERSON,
Teller.

R. B. ROCHE.
Bookkeeper.

CITY TREASURER'S REPORT.

MINNEAPOLIS, MINN., December 31, 1891.

To the Honorable City Council of the City of Minneapolis:

GENTLEMEN:—In compliance with section 21, chapter 3, of the city charter, I herewith submit statement, including the sinking fund, public library, city park and board of education, showing receipts and disbursements of my office for the fiscal year ending December 31, 1891.

Respectfully yours,

K. KORTGAARD, *City Treasurer.*

GENERAL FUND.

Receipts.

From balance January 1, 1891.....	\$98,576.37
Receipts.....	1,032,641.98

Disbursements.

Comptroller's warrants paid.....	\$1,062,692.81
Present balance.....	48,525.54
	<hr/>
	\$1,131,218.35
	<hr/>
	\$1,131,218.35

INTEREST FUND

Receipts.

From balance January 1, 1891.....	\$74,649.65
Receipts.....	243,980.83

Disbursements.

Coupons paid.....	\$267,850.00
Present balance.....	50,730.48
	<hr/>
	\$318,580.48
	<hr/>
	\$318,580.48

PERMANENT IMPROVEMENT FUND.

Receipts.

From balance January 1, 1891.....	\$264,955.43
Receipts.....	233,217.02

Disbursements.

Comptroller's warrants paid....	\$454,264.56
Present balance.....	43,907.89
	<hr/>
	\$498,172.45
	<hr/>
	\$498,172.45

WATER WORKS FUND.

Receipts.

From balance January 1, 1891.....	\$70,860.16
Receipts.....	275,314.87

Disbursements.

Comptroller's warrants paid.....	\$332,457.07
Present balance.....	13,747.96
	<hr/>
	\$346,205.03
	<hr/>
	\$346,205.03

Total

CITY PARKS FUND.

Receipts.

From balance Januray 1, 1891	\$10,142.77
Receipts.....	291,234.99

Dssbursements.

Comptroller's warrants paid.....	\$298,656.45
Present balance.....	2,721.31
	<hr/>
	\$301,377.76
	<hr/>
	\$301,377.76

Total

CITY OF MINNEAPOLIS.

PERMANENT IMPROVEMENT REVOLVING FUND.

Receipts.		
Receipts.....		\$874,490.61
Disbursements.		
Account overdrawn Jan'y 1, 1891.....	\$181,568.61	
Comptroller's warrants paid.....	679,482.55	
Interest paid on permanent improvement revolving bonds.....	16,160.00	
Account overdrawn.....		2,720.55
Total.....	\$877,211.16	\$877,211.16

LIBRARY FUND.

Receipts.		
From balance January 1, 1891.....		\$25.31
Receipts.....		84,935.31
Disbursements.		
Comptroller's warrants paid.....	\$73,771.16	
Present balance.....	11,189.46	
	\$84,960.62	\$84,960.62

BOARD OF EDUCATION.

Receipts.		
From balance January 1, 1891.....		\$1,035.56
Receipts.....		841,028.43
Disbursements.		
Comptroller's warrants paid.....	\$808,694.11	
Interest paid on school bonds.....	25,370.00	
Present balance.....	7,999.88	
	\$842,063.99	\$842,063.99

DEPARTMENT OF CHARITIES AND CORRECTIONS.

Receipts.		
From unexpended appropriations from general fund.....		\$33,229.46
Receipts.....		117.35
Disbursements.		
Comptroller's warrants paid.....	\$21,036.38	
Present balance.....	12,310.43	
	\$33,346.81	\$33,346.81

SINKING FUND.

Receipts.		
From Taxes.....		\$132,709.00
Disbursements.		
Comptroller's warrants paid.....	\$132,709.00	
	\$132,709.00	\$132,709.00

BOARD OF SINKING FUND COMMISSIONERS.

Securities on hand January 1, 1891.....		\$659,733.09
Receipts.		
Interest.....	\$24,187.50	
Taxes.....	132,709.00	\$156,896.50
		\$816,629.59
Disbursements.		
Matured bonds.....	\$85,000.00	
Board of Education note due July 1, 1892.....	87,741.00	
Cash.....	11,888.59	\$184,629.59
Securities in Sinking fund January 1, 1892.....		\$632,000.00
Bonds of the City of Minneapolis—		
Nos. 491— 512 inclusive, 5 per cent interest.....	\$22,000.00	
“ 1174—1208 “ 4½ “ “.....	35,000.00	
“ 1504—1534 “ 4½ “ “.....	31,000.00	
“ 1535—1555 “ 4½ “ “.....	21,000.00	
“ 1556—1603 “ 4½ “ “.....	48,000.00	
“ 1984—2043 “ 4 “ “.....	60,000.00	
“ 3539—3638 “ 4 “ “.....	100,000.00	
“ 4054—4153 “ 4 “ “.....	100,000.00	
“ 5184—5198 “ 4 “ “.....	15,000.00	
“ 5199—5398 “ 4 “ “.....	200,000.00	

TREASURER'S REPORT.

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MATURED BONDS.

Receipts.

From board of sinking fund commissioners.....	\$85,000.00
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Disbursements

Matured bonds, see comptroller's report sinking fund	\$85,000.00	
	<u>\$85,000.00</u>	<u>\$85,000.00</u>

FIRST WARD—STREET FUND.

Receipts.

From balance January 1, 1891.....	\$27.49
Receipts.....	8,485.15

Disbursements.

Comptroller's warrants paid.....	\$8,390.47	
Present balance.....	122.17	
	<u>\$8,512.64</u>	<u>\$8,512.64</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....	\$618.83
Receipts.....	10,601.12

Disbursements.

Comptroller's warrants paid.....	\$11,052.77	
Present balance.....	167.18	
	<u>\$11,219.95</u>	<u>\$11,219.95</u>

STREET SPRINKLING FUND.

Receipts.

From balance January 1, 1891.....	\$747.68
Receipts.....	4,701.01

Disbursements.

Comptroller's warrants paid.....	\$5,404.70	
Present balance.....	43.99	
	<u>\$5,448.69</u>	<u>\$5,448.69</u>

SECOND WARD—STREET FUND.

Receipts.

From balance January 1, 1891.....	\$1,443.13
Receipts.....	10,179.19

Disbursements.

Comptroller's warrants paid.....	\$10,249.16	
Present balance.....	1,373.16	
	<u>\$11,622.32</u>	<u>\$11,622.32</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....	\$10.73
Receipts.....	14,641.46

Disbursements.

Comptroller's warrants paid.....	\$14,789.49	
Present debit balance.....	137.30	
	<u>\$14,789.49</u>	<u>\$14,789.49</u>

CITY OF MINNEAPOLIS.

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$913.76
Receipts.....	6,360.68
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$6,304.14
Present balance.....	970.30
	<u>\$7,274.44</u>
	<u>\$7,274.44</u>

THIRD WARD—STREET FUND

<i>Receipts.</i>	
From balance January 1, 1891.....	\$5,416.79
Receipts.....	26,001.80
<i>Disbursements.</i>	
Comptroller's warrants paid..	\$30,436.75
Present balance.....	891.84
	<u>\$31,418.59</u>
	<u>\$31,418.59</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$506.65
Receipts.....	34,389.19
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$32,368.25
Present balance.....	2,527.50
	<u>\$34,895.84</u>
	<u>\$34,895.84</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$5,747.74
Receipts.....	9,198.21
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$9,043.07
Present balance.....	5,902.88
	<u>\$14,945.95</u>
	<u>\$14,945.95</u>

FOURTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$29.23
Receipts.....	39,716.04
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$39,465.33
Present balance.....	279.94
	<u>\$39,745.27</u>
	<u>\$39,745.27</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$2,163.18
Receipts.....	23,084.75
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$24,273.58
Present balance.....	974.85
	<u>\$25,247.93</u>
	<u>\$25,247.93</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$2,100.16
Receipts.....	12,641.05
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$12,707.68
Present balance.....	2,083.53
	<u>\$14,741.21</u>
	<u>\$14,741.21</u>

TREASURER'S REPORT.

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FIFTH WARD—STREET FUND.

Receipts.

From balance January 1, 1891	\$3,103.38
Receipts.....	13,364.73

Disbursements.

Comptroller's warrants paid.....	\$14,003.73	
Present balance.	2,374.38	
	<u>\$16,408.11</u>	<u>\$16,408.11</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....	\$386.74
Receipts.....	13,571.64

Disbursements.

Comptroller's warrants paid.....	\$14,059.95	
Present debit balance.....		101.57
	<u>\$14,059.95</u>	<u>\$14,059.95</u>

SPRINKLING FUND.

Receipts.

From balance January 1, 1891	\$2,245.40
Receipts.....	13,229.78

Disbursements.

Comptroller's warrants paid.....	\$14,172.62	
Present balance....	1,302.56	
	<u>\$15,475.18</u>	<u>\$15,475.18</u>

SIXTH WARD—STREET FUND.

Receipts.

From balance January 1, 1891	\$220.59
Receipts.....	9,240.85

Disbursements.

Comptroller's warrants paid.....	\$9,225.06	
Present balance.....	236.38	
	<u>\$9,461.44</u>	<u>\$9,461.44</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891	\$3,085.99
Receipts.....	9,577.73

Disbursements.

Comptroller's warrants paid.....	\$11,379.51	
Present balance.....	1,284.21	
	<u>\$12,663.72</u>	<u>\$12,663.72</u>

SPRINKLING FUND.

Receipts.

From balance January 1, 1891	\$770.50
Receipts	4,996.87

Disbursements.

Comptroller's warrants paid.....	\$5,663.06	
Present balance.....	103.41	
	<u>\$5,767.37</u>	<u>\$5,767.37</u>

SEVENTH WARD—STREET FUND.

Receipts.

Receipts.....		\$11,222.54
From debit balance January 1, 1891.....	\$30.02	

Disbursements.

Comptrollers warrants paid.....	10,577.83	
Present balance.....	614.69	
	<u>\$11,222.54</u>	<u>\$11,222.54</u>

CITY OF MINNEAPOLIS.

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....	\$1,616.12
Receipts.....	10,969.62

Disbursements.

Comptroller's warrants paid.....	\$11,962.43
Present balance.....	623.31
	<u>\$12,585.74</u>
	<u>\$12,585.74</u>

SPRINKLING FUND.

Receipts.

From balance January 1, 1891.....	\$552.36
Receipts.....	5,792.17

Disbursements.

Comptroller's warrants paid.....	\$6,180.85
Present balance.....	163.68
	<u>\$6,344.53</u>
	<u>\$6,344.53</u>

EIGHTH WARD—STREET FUND.

Receipts.

Receipts.....	\$26,279.78
From debit balance January 1, 1891.....	\$5.60

Disbursements.

Comptroller's warrants paid.....	23,356.47
Present balance.....	2,917.62
	<u>\$26,279.78</u>
Total.....	<u>\$26,279.78</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....	\$2,300.31
Receipts.....	27,418.27

Disbursements.

Comptroller's warrants paid.....	\$28,045.58
Present balance.....	1,673.00
	<u>\$29,718.58</u>
Total.....	<u>\$29,718.58</u>

SPRINKLING FUND.

Receipts.

From balance January 1, 1891.....	\$4,270.29
Receipts.....	10,165.67

Disbursements.

Comptroller's warrants paid.....	\$9,293.94
Present balance.....	5,142.02
	<u>\$14,435.96</u>
Total.....	<u>\$14,435.96</u>

NINTH WARD—TREET FUND.

Receipts.

From balance January 1, 1891.....	\$89.65
Receipts.....	10,083.87

Disbursements.

Comptrollers warrants paid.....	\$10,094.00
Present balance.....	79.52
	<u>\$10,173.52</u>
	<u>\$10,173.52</u>

SIDEWALK FUND.

Receipts.

From balance January 1, 1891.....	\$2,837.23
Receipts.....	24,121.32

Disbursements.

Comptrollers warrant paid.....	\$24,759.77
Present balance.....	2,198.78
	<u>\$26,958.55</u>
	<u>\$26,958.55</u>

TREASURER'S REPORT.

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SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$111.52
Receipts.....	4,737.57
<i>Disbursements.</i>	
Comptrollers warrants paid	\$4,743.45
Present balance.....	105.64
	<u>\$4,849.09</u>
	<u>\$4,849.09</u>

TENTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$798.91
Receipts.....	9,369.12
<i>Disbursements.</i>	
Comptroller's warrants paid....	\$9,428.63
Present balance.....	739.40
	<u>\$10,168.03</u>
	<u>\$10,168.03</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$738.47
Receipts.....	5,543.45
<i>Disbursements</i>	
Comptroller's warrants paid	\$5,642.46
Present debit balance.....	60.56
	<u>\$5,642.48</u>
	<u>\$5,642.48</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$251.62
Receipts.....	724.33
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$548.56
Present balance.....	437.39
	<u>\$985.95</u>
	<u>\$985.95</u>

ELEVENTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891....	\$573.64
Receipts.....	7,692.37
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$5,959.81
Present balance.....	2,106.20
	<u>\$8,066.01</u>
	<u>\$8,066.01</u>

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$93.41
Receipts.....	5,845.16
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$5,651.34
Present balance.....	287.23
	<u>\$5,938.57</u>
	<u>\$5,938.57</u>

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$572.42
Receipts	7,306.79
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$6,663.65
Present balance.....	1,215.56
	<u>\$7,879.21</u>
	<u>\$7,879.21</u>

TWELFTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$471.85
Receipts.....	7,102.57
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$7,663.38
Present debit balance.....	888.96
	<hr/>
	\$7,663.38 \$7,663.38

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$187.16
Receipts.....	3,798.38
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$3,832.97
Present balance	152 57
	<hr/>
	\$3,985.54 \$3,985.54

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$22.94
Receipts.....	1,640.08
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$1,343.43
Present balance.....	328.54
	<hr/>
	\$1,671.97 \$1,671.97

THIRTEENTH WARD—STREET FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$7.73
Receipts.....	9,231.92
<i>Disbursements.</i>	
Comptrollers warrants paid.....	\$7,863 34
Present balance.....	1,376.31
	<hr/>
	\$9,239.65 \$9,239.65

SIDEWALK FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$378.71
Receipts.....	2,190.81
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$2,304.38
Present balance.....	265.14
	<hr/>
	\$2,569.52 \$2,569.52

SPRINKLING FUND.

<i>Receipts.</i>	
From balance January 1, 1891.....	\$43.64
Receipts.....	316.13
<i>Disbursements.</i>	
Comptroller's warrants paid.....	\$254.62
Present balance.....	105.15
	<hr/>
	\$359.77 \$359.77

TREASURER'S REPORT.

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TOTAL RECEIPTS AND DISBURSEMENTS.

	BALANCE JAN. 1, 1901.		Receipts.	Disbursements.	BALANCE DEC. 31, 1901	
	Debit.	Credit.			Debit.	Credit.
City of Minneapolis.....	\$253,106.67		31,032,641.95	81,032,038.81	\$253,223.43	
General fund.....		698,676.37		307,830.00		648,555.54
Interest fund.....		74,649.45		454,264.56		50,720.48
Permanent improvement fund.....		264,535.43		328,437.07		43,977.59
Water works fund.....		70,800.18		201,264.99		13,747.98
City parks fund.....		10,143.77		874,490.61		2,721.81
Permanent improvement revolving fund.....			841,026.43	874,490.61	2,720.55	
Library board fund.....		25.31		21,038.38		11,180.46
Board of education fund.....		1,035.56		132,709.00		7,690.86
Department of charities and corrections fund.....			18,000.00	18,000.00		12,310.43
Sinking fund.....			8,485.15	8,390.47		
Matured bond fund.....		27.40		17,063.77		123.17
First ward street fund.....		516.33		5,404.70		167.18
First ward sidewalk fund.....		747.66		10,730.19		48.69
First ward sprinkling fund.....		1,433.13		14,739.49		1,070.16
Second ward street fund.....		10.73		8,390.14	167.30	
Second ward sidewalk fund.....		912.78		30,363.70		970.50
Second ward sprinkling fund.....		5,416.79		30,363.70		581.84
Third ward street fund.....		5,577.51		30,363.70		2,627.60
Third ward sidewalk fund.....		5,577.51		30,363.70		5,000.89
Third ward sprinkling fund.....		2,463.18		30,363.70		570.04
Fourth ward street fund.....		2,463.18		30,363.70		970.23
Fourth ward sidewalk fund.....		2,463.18		30,363.70		2,663.83
Fourth ward sprinkling fund.....		2,463.18		30,363.70		2,578.26
Fifth ward street fund.....		2,463.18		30,363.70		
Fifth ward sidewalk fund.....		2,463.18		30,363.70		
Fifth ward sprinkling fund.....		2,463.18		30,363.70		
Sixth ward street fund.....		2,463.18		30,363.70		
Sixth ward sidewalk fund.....		2,463.18		30,363.70		
Sixth ward sprinkling fund.....		2,463.18		30,363.70		
Seventh ward street fund.....		2,463.18		30,363.70		
Seventh ward sidewalk fund.....		2,463.18		30,363.70		
Seventh ward sprinkling fund.....		2,463.18		30,363.70		
Eighth ward street fund.....		2,463.18		30,363.70		
Eighth ward sidewalk fund.....		2,463.18		30,363.70		
Eighth ward sprinkling fund.....		2,463.18		30,363.70		
Ninth ward street fund.....		2,463.18		30,363.70		
Ninth ward sidewalk fund.....		2,463.18		30,363.70		
Ninth ward sprinkling fund.....		2,463.18		30,363.70		

TOTAL RECEIPTS AND DISBURSEMENTS—Continued..

	BALANCE JAN. 1, 1891.		Receipts.	Disbursements.	BALANCE DEC. 31, 1891.	
	Debit.	Credit.			Debit.	Credit.
Ninth ward sprinkling fund.....	111.52	4,737.57	4,743.45	.....	105.64
Tenth ward street fund.....	798.91	9,369.12	9,428.63	.....	739.40
Tenth ward sidewalk fund.....	38.47	5,543.45	5,642.48	60.56	.....
Tenth ward sprinkling fund.....	251.62	734.33	548.56	.....	437.39
Eleventh ward street fund.....	373.64	7,692.37	5,959.81	.....	2,106.20
Eleventh ward sidewalk fund.....	93.41	5,845.16	5,651.34	.....	287.23
Eleventh ward sprinkling fund.....	572.42	7,306.79	6,663.65	.....	1,213.56
Twelfth ward street fund.....	471.85	7,102.57	7,663.38	88.96	.....
Twelfth ward sidewalk fund.....	187.16	3,798.38	3,832.97	.....	162.57
Twelfth ward sprinkling fund.....	22.94	1,649.03	1,343.43	.....	328.54
Thirteenth ward street fund.....	7.72	9,231.93	7,863.34	.....	1,376.31
Thirteenth ward sidewalk fund.....	378.71	2,190.81	2,304.38	.....	265.14
Thirteenth ward sprinkling fund.....	43.64	316.13	254.62	.....	105.15
	\$564,801.19	\$564,801.19	\$4,563,431.98	\$4,918,909.54	\$232,342.57	\$732,342.57

ANNUAL REPORT
CITY ATTORNEY,
1891.

LEGAL DEPARTMENT.

ROBERT D. RUSSELL, - - City Attorney.
DAVID F. SIMPSON, - - First Assistant.
LYCURGUS A. DUNN, - Second Assistant.
WILLIAM H. MORSE, - - Third Assistant.
*JOHN GALVAN, - - Sidewalk Inspector.

**(Detailed from Police Department.)*

REPORT OF CITY ATTORNEY.

FOR THE YEAR ENDING JANUARY 4th, 1892.

To the Honorable City Council of the City of Minneapolis:

GENTLEMEN:—The schedules attached to this report show in detail the litigation of the city during the past year. From these schedules it will be seen that at the beginning of the year there were pending 35 civil actions, and during the year there have been brought 25 civil actions, making 60 cases of this class considered. 38 have been finally disposed of; 28 of these were contested in court and in 19 judgments rendered for the city, and 7 were determined against the city. In one of these, the Larson case, No. 34, judgment was against the city and Ring & Tobin as contractors; the judgment was paid by the co-defendants, who were primarily liable, and the city lost nothing by the litigation. Of the remaining twelve, five (5) were dismissed by plaintiff or abandoned after the issues were framed, five (5) were settled out of court, and two (2) settled by payments of judgments of one dollar each where the verdicts were rendered about three years ago, and which have been pending ever since on plaintiff's motion for a new trial.

Of the cases decided against the city two grew out of the Eighth ward street grading controversy, and were for interest on the amount which had been formerly paid as principal for the work done in the Eighth ward. Two were proceedings brought on behalf of the library and school boards, to determine the question of the payment of interest on the bonds issued for the benefit of these respective boards. They were decided in favor of the boards. They were amicable suits for the purpose of determining the question of city book-keeping. Two were personal injury cases resulting in money judgments amounting to \$700.00, one for \$500.00, the other for \$200.00 which was all that was recovered in personal injury cases disposed of during the year. There were thirteen (13) personal injury cases, claiming from the city \$46,025.00 disposed of. In addition to the above \$700.00 the city has paid out in settlements \$625.00, making a total of \$1,325.00 paid in settlement of the thirteen cases.

Three cases were tried in the Supreme Court, one of which was the Eighth ward case above referred to, where the judgment of the lower court was affirmed. Another is No. 421, Hielscher vs. the City of Minneapolis, which was decided in favor of the city, and involved the question of the right of the city to vacate a street without making compensation to a private property owner abutting on the street. The principle is one of some importance to the city, and it is gratifying to have the city protected as it is by this decision. In the third case no decision has as yet been rendered.

The number and importance of litigated cases have been smaller than in any former year. We have proceeded in the department on

the theory that it was by no means the best use of our time to reject claims without careful investigation. We have sought to as thoroughly ascertain the facts connected with any claim presented to the city as though we were preparing the case for trial. By this course a large number of suits have been prevented, sometimes a settlement being reached for a small amount, in others the claimant himself persuaded that he had no cause of action by fairly informing him of all the facts connected with the matter, giving him the benefit of our investigation as well as the facts he himself knew and upon which he based his claim, abandoned it. The amount paid in settlement of claims as shown by the Comptroller's report has been exceedingly small and less than in former years considering the number presented.

In regard to injuries received by employees of the city, the policy of former years has been pursued, and whether a legal liability existed or not the injured employee has been kept on the pay roll during disability and furnished with medical attendance and care. Most of the injuries of this class are in connection with the sewer construction and the laying of water pipes. In a large majority of personal injury cases, where the injury is occasioned by alleged defective sidewalks or streets, the injured party is not entitled to any particular favor because of the fact that in most of the cases the accident could have been avoided by the exercise of proper care by the party injured. With all the diligence possible the streets and sidewalks can not be kept in a condition to insure the public against accident; inequalities will exist as long as streets themselves exist. With 180 miles of streets, and sidewalks on both sides of the street in most cases, it makes a very large amount of territory to cover, and requires a great deal of care. To secure this care we sought and have succeeded in interesting the police department and the street commissioners, and we have a sidewalk inspector specially detailed to this department for that service. This officer is of very great importance and value to the city, because of the fact that his special business is to notice the condition of the streets and sidewalks, and to look to the repairing of the same. At the beginning of the year the former sidewalk inspector Mr. DeHarven acted, serving the city faithfully as in former years until April 15, 1891, at which time Mr. John Galvan, a faithful patrolman for some years, was detailed to take the place. He has proven a most intelligent and efficient officer. He has investigated forty-eight (48) claims against the city and made reports thereon to the City Attorney. In a city growing as rapidly as Minneapolis the streets are many times obstructed by building improvements, water main and sewer laying, and it requires vigilance to keep places of this character properly barricaded and lighted at night. Notice of obstructions and defective conditions in streets and sidewalks have been given in 815 cases, and all of these followed up and proper precautions taken to prevent accidents.

As will be seen by schedule E, another important class of business coming before the department is the appeals in street opening matters. There have been fifty-three (53) of these appeals disposed of during the year. In all of these new commissioners have been appointed by the District Court and new assessments and awards made. Awards made by the city commissioners have been cut down to the amount of \$886.00; awards have been increased in the sum of \$2,285.00, and assessments decreased in

the sum of \$390.00; making a total increase in the amount to be paid in these cases of \$1,589.00. This work has been under the sole charge of the First Assistant City Attorney Simpson, and has been very carefully attended to by him, as these figures show. Much more attention has been given to the matter than in former years, resulting in a saving to the city of thousands of dollars.

The cases for the violation of the city ordinances and misdemeanors under the state law have amounted to 395, as shown in detail by schedule F. These represent only the contested cases where attorneys appeared for the party arrested. In 283 the party charged was found guilty; 112 were dismissed by the state, or the party found not guilty. This branch of the business has been efficiently attended to by Assistant City Attorney Dunn as in former years. In addition to the work of trying these cases the matter of investigating complaints before warrants are ordered is of quite as much importance, and has required and received a great amount of attention to prevent frivolous arrests.

At the beginning of the year all connected with the department removed their offices to the City Hall. The arrangement has proven most advantageous to the other officers of the city as well as to the department itself in enabling matters to be considered at their inception and proper steps taken to prevent subsequent trouble and litigation. By the new arrangement the work of the office has been largely increased, but it has proven greatly to the advantage of the city. A large amount of the office work has been in charge of Assistant City Attorney Morse, and while statistics cannot be given for a large part of it, some idea of it can be gained from the fact that seventy (70) abstracts of title have been examined with reference to payment of street opening awards and the acceptance of plats and deeds by the city; seventy-three (73) contracts and bonds have been drawn, and a large number of deeds of different sorts prepared; seventy-eight (78) written reports and communications have been made to the Council.

In addition to this work a large number of oral opinions have been given to city officers, the City Council, and the several committees of the Council, the principal one being the committee on claims, which requires the attendance of some member of the department at each of its meetings.

There have been under discussion through the year several propositions looking to the further bridging of the tracks of the Great Northern and Chicago, Milwaukee & St. Paul Railway Companies. As yet no substantial conclusions have been reached, but the matter should be still vigorously considered until some satisfactory arrangement shall be arrived at by which all the grade crossings in the thickly settled portions of the city are replaced by bridges or viaducts, thus reducing the possibility of injury and the inconvenience to the minimum. No better expenditure of time or money can be made than in this direction. It is less difficult to secure the changes now than it will be at any future time. As the city grows the situation becomes more fixed and difficult to change. The railroad companies have in the main evidenced a disposition to co-operate with the Council in the matter, and it is to be hoped that before the end of the year 1892 some substantial results will be achieved.

The work of the year has been on the whole very satisfactory, and we think the city has not suffered in its interests. The assistants have

aided me through the year to their fullest ability, and we have worked unitedly and persistently to do well the work coming into our hands. Our thanks are due particularly to the City Council and to the other officers of the city for their readiness to aid us in all matters to secure the best results for the city. All the dealings between this department and the others and the City Council have been harmonious, contributing to and making possible the satisfactory result.

Respectfully submitted.

ROBERT D. RUSSELL,
City Attorney.

SCHEDULE "A."

Civil Cases Pending January 1st, 1891, and Finally Disposed of During the Year 1891.

No. 354. EDWARD LARSON VS. THE CITY AND RING & TOBIN.

Action brought in the district court February 25, 1890, to recover \$500.00 damages for injuries alleged to have been caused by a wire rope suspended across a street. June 14, 1890, cause tried by the district court and a jury, and a verdict rendered for the defendants. Appeal taken by the plaintiff to the supreme court. Argued in supreme court and order of the court below reversed. Nov. 21, 1890, tried by the district court and a jury and a verdict rendered in favor of the plaintiff against all the defendants for \$120.00. Judgment entered and paid by defendants Ring & Tobin.

No. 385. W. J. BOWEN VS. THE CITY.

Action in the district court to recover \$747.70, interest on contract for grading in eighth ward. Cause tried and order filed November 21, 1890, for judgment for plaintiff for amount of claim. Appeal by defendant to the supreme court, argued and submitted July 10, 1891, and August 21, 1891, decision filed affirming order of district court. Case settled by payment of \$887.50, and dismissed by stipulation filed Oct. 19, 1891.

No. 386. CHARLES FILTEAU VS. THE CITY.

Action in the district court to recover \$469.88 interest on contract for grading in the eighth ward. Following the result of case No. 385 this case was settled by payment of \$538.57, and action dismissed by stipulation filed Oct. 19, 1891.

No. 392. EUGENE WAHL VS. THE CITY.

Action in district court to recover \$1,150 damages for alleged flooding of plaintiff's lot and building on corner of Twenty-third avenue north and Second street, by the grading of Twenty-third avenue north. May 3, 1891, case dismissed by plaintiff with consent of defendant without costs.

No. 395. HANNAH COLLINS VS. THE CITY, et al.

Action in district court to recover \$10,000.00 damages resulting from alleged injury caused by accumulation of ice and snow on sidewalk at the corner of Sixth street and Sixth avenue north. January 9 and 10, 1891, cause tried before the court and a jury, and a verdict rendered in favor of the plaintiff against the city for \$600.00. Case settled by payment of amount of verdict and costs.

No. 398. OSCAR C. SQUYER VS. THE CITY, et al.

Action in district court to recover \$3,000.00 damages resulting from death of wife of plaintiff, caused by injuries received from a runaway alleged to have been caused by defective condition of Hennepin avenue between Sixth and Seventh streets. May 4, 5, 6, 1891, cause tried before the court and a jury, and a verdict rendered in favor of the city. June 6, 1891, motion for new trial made by plaintiff and denied. August 11, 1891, judgment for costs entered in favor of defendant city, and paid September 17, 1891.

No. 400. OSCAR C. SQUYER AS ADMINISTRATOR VS. THE CITY, et al.

Action in district court to recover \$10,000.00 damages, growing out of the same cause of action as No. 395. May 2, 1891, motion for judgment on the pleadings, and judgment ordered in favor of the defendants. August 11, 1891, judgment for costs in favor of defendant city, \$7.88 entered and paid September 17, 1891.

No. 405. LEVI L. COOK VS. THE CITY.

Action in district court to recover possession of part of lot 6, block 7, Snyder & Co's Addition to Minneapolis, and for damages for building sidewalk on plaintiff's premises June 1, 1891, case called for trial and dismissed.

No. 408. MARY M. PRITCHARD VS. THE CITY.

Action in district court to recover \$1,929.00 damages alleged to have been caused by grading Franklin avenue adjacent to plaintiff's property October 1, 1891, case settled and dismissed upon payment to plaintiff of the sum of \$175.00.

No. 410. WILLIAM A. SPALDING VS. THE CITY.

Action in district court to recover \$2,081.00 damages alleged to have been caused by grading Franklin avenue in front of plaintiff's property June 1, 1891, case called for trial and dismissed, case having been settled by payment to plaintiff of \$200.13 December 12, 1890.

No. 415. MINNEAPOLIS SASH AND DOOR COMPANY VS. THE CITY.

Action in the district court to determine adverse claim to lot 6, block 4, Wolford, Sible & Reid's Addition to St. Anthony April 4, 1891, case settled for \$200.00 and dismissed by stipulation of parties.

No. 416. A. B. NEWMAN AS ADMINISTRATOR VS. THE CITY.

Action in district court to recover \$10,000 damages for alleged injuries resulting in the death of plaintiff's intestate, caused by accident on the 20th day of March, 1890, by defective sidewalk on Hennepin avenue January 22, 1891, cause tried before the court and a jury, and dismissed by the court on motion by defendant at close of plaintiff's testimony.

No. 417. RYAN DRUG COMPANY VS. THE CITY, *et al.*

Action in district court to recover \$175 damages for death of horse and injury to harness caused by opening made on Western avenue between Ninth and Tenth streets North January 14, 1891, cause tried before the court and a jury, and verdict returned for defendants, May 6, 1891, judgment for \$12.87 costs in favor of the city entered, and paid June 25, 1891.

No. 421. ERNEST HIELSCHER VS. THE CITY.

Action in the district court to recover \$1,000.00 damages to plaintiff's property by reason of the vacation of a portion of Nineteenth avenue North January 5, 1891, demurrer to plaintiff's complaint sustained by district court. Case appealed to the supreme court, and argued and submitted on appeal June 18, 1891. Decision of the supreme court in favor of the city filed July 10, 1891. Judgments for costs in favor of the city entered in supreme and district courts.

No. 378. STATE OF MINNESOTA EX REL. CITY OF MINNEAPOLIS, RELATOR, VS. MINNEAPOLIS & ST. LOUIS RAILWAY COMPANY, RESPONDENT.

Application for writ of mandamus to compel the respondent to construct bridges over its tracks where they cross Washington avenue, Third, Fourth and Fifth streets March 6, 1888, judgment entered in district court ordering mandamus writ to issue. Appeal to Supreme Court of Minnesota, and decision in favor of city. Writ of error to U. S. Supreme Court sued out. Writ of error dismissed at the October, 1890, term of U. S. Supreme Court by stipulation of the parties.

No. 379. STATE OF MINNESOTA EX REL. CITY OF MINNEAPOLIS VS. ST. PAUL, MINNEAPOLIS & MANITOBA RAILWAY CO.

Same as No. 378, August 16, 1889, petition for writ of error from U. S. Supreme Court to District Court of Hennepin County. Writ of error dismissed at October, 1891, term of U. S. Court by stipulation of the parties.

No. 326. OREN LONGSTAFF VS. THE CITY, *et al.*

Claim of \$1,500.00 for personal injuries from alleged defective street, May 18, 1888, verdict rendered for plaintiff for \$1.00. January 2, 1892, judgment entered in district court for \$4.63 in favor of plaintiff for amount of verdict and costs.

No. 327. CHARLES O. BEDBURY VS. THE CITY *et al.*

Claim of \$1,500.00 for personal injuries from alleged defective street, May 18, 1888, verdict rendered in district court in favor of plaintiff for \$1.00. January 2, 1892, judgment entered in favor of plaintiff for \$28.57, amount of verdict and costs.

No. 366. C. W. CLARK VS. THE CITY.

Action in the United States Circuit Court, commenced July 9, 1889, to restrain the city from using a certain sewer machine, claiming an infringement on a prior patent. Judgment entered for the defendant.

No. 388. MARGARET FLYNN VS. THE CITY.

Action in the district court to recover \$10,000.00 damages resulting from accident caused by slipping on sidewalk on Nicollet avenue, December 22, 1891, action dismissed by stipulation.

SCHEDULE "B."

Civil Cases Pending January 1, 1891, not yet Finally Determined.

No. 321. ST. ANTHONY FALLS WATER POWER CO. VS. CITY.

Action to enjoin the defendant from interfering with the plaintiff's dam and other property on Hennepin Island, involving the city's right to water power to run the east side pumping station. March 7, 1889, decision and order for judgment by the district court ordering an injunction in favor of the city and against plaintiff, restraining plaintiff from cutting off the water supply to the east side station, but deciding that the amount of water to which it is entitled could not be determined in this action. Appeal by plaintiff to the supreme court. Appeal argued and submitted June 8, 1890, and decision by the supreme court affirming the decision of the lower court in its ruling as to the right of the city to the use of the water, but reversing the lower court in its decision that the amount could not be determined in this action, and directing that this amount be fixed, and that the plaintiff furnish the amount, when determined to the city. Case partially tried in accordance with the direction of the supreme court and is now pending before Judge A. H. Young as referee.

No. 328. THOMAS W. EMERY VS. THE CITY, et al.

Action for \$70.00 upon a judgment recovered against the city's employee, which the plaintiff claims to have bought at execution sale. Case pending in the district court. Nothing done since answer filed March 14, 1888.

No. 334. ST. PAUL, MINNEAPOLIS & MANITOBA RY. CO. VS. THE CITY.

Action to enjoin defendant from opening Twenty-second avenue NE. across plaintiff's tracks. September 26, 1890, cause tried and submitted in the district court, and judgment ordered for the defendant. Appeal by plaintiff to supreme court, and decision in favor of plaintiff reversing the order of the court below. Cause now pending and awaiting trial in the district court.

No. 337. EVERETT BRUCE PRESTON VS. THE CITY.

Action in the United States Circuit court for infringement of a patent. Cause being defended by the sureties on an indemnity bond given to the city.

No. 351. JAMES EDWARDS VS. THE CITY.

Action in the district court, commenced January 25, 1889, to recover \$500 damages caused by plaintiff's horse falling into a hole in the street. Cause at issue January 25, 1889. No further steps taken.

No. 363. ST. PAUL, MINNEAPOLIS & MANITOBA RY. CO. VS. THE CITY.

Action in the district court, commenced June 19, 1889, to enjoin defendant from opening Nineteenth avenue NE. across plaintiff's tracks. September 26, 1890, cause tried before the court, and judgment ordered for the defendant. Motion for new trial by plaintiff overruled September 6, 1890. Notice of appeal to supreme court last step taken.

No. 373. MARY COLLINS VS. THE CITY.

Action in the district court, commenced August 21, 1889, to recover \$5,000 for injuries alleged to have been caused by water pipe projecting above the sidewalk. Cause tried in the district court January 9, 1890, and on intimation of the court that it would dismiss for non-joinder of the owner of abutting property, plaintiff took leave to amend her complaint. October 8, 1891, cause tried before the court and a jury and a verdict found in favor of the plaintiff of \$2,040. November 14, 1891, motion by defendant city for a new trial made and granted. Cause on the December term calendar of district court for trial.

No. 391. HANS P. PETERSON VS. THE CITY.

Action in district court to recover \$5,000.00 damages alleged to have been sustained by reason of injuries caused by obstruction of Twenty-sixth street south, on March 15, 1890. Cause tried December 11 and 12, 1891 before the court and a jury, resulting in a verdict for the defendant.

No. 402. THE MINNEAPOLIS TRUST COMPANY VS. THE CITY.

Action in the district court to recover \$20,000.00 for water claimed to have been furnished the defendant in excess of what it is entitled since the granting of the injunction in No. 323. At issue and pending before Judge A. H. Young as referee, and awaiting the determination of No. 323.

No. 404. STATE OF MINNESOTA EX REL. THE GREAT NORTHERN RAILWAY COMPANY VS. THE CITY.

Application to district court for a writ of mandamus to compel defendant to construct a bridge over tracks of relator on Como avenue. June 22-23, 1891, case partially tried, and upon application of relator for amended writ leave was granted and case continued. Cause on December 1891 General Term calendar for trial.

- No 406. ERICK PETTERSON VS. THE CITY.**
Action in district court to recover \$650.00 damages by reason of injuries sustained by an accident caused by alleged defective sidewalk in front of No. 304 Washington avenue, N. Notice of appearance served on the defendant, and no complaint served.
- No 407. EDWARD SISKRON VS. THE CITY.**
Action in district court to recover \$800.00 damages to plaintiff's property, caused by grading Pleasant avenue. Proposition for settlement pending.
- No 408. ANNIE L. W. BELL VS. THE CITY.**
Action in district court to recover \$1,564.00 damages to plaintiff's property, caused by grading Franklin avenue. Proposition for settlement pending.
- No 413. STATE OF MINNESOTA EX REL. THE CITY OF MINNEAPOLIS, RELATOR, VS. THE GREAT NORTHERN RAILWAY COMPANY, RESPONDENT.**
Alternative writ of mandamus in district court to compel the respondent to construct a viaduct on Como avenue under its tracks. June 22-25 case partially tried with No. 404, and leave granted to amend return to alternative writ on application of Respondent. For trial with No. 404.
- No 414. ESTHER M. ROWE *et al.* VS. THE CITY AND BOARD OF EDUCATION.**
Action in district court to recover possession of part of N. W. $\frac{1}{4}$ of the S. W. $\frac{1}{4}$ of Section 7, Township 29, Range 23, occupied by the Board of Education for school purposes. May 16, 1891, cause tried argued and submitted and decision and order for judgment in favor of defendants filed August 28, 1891. Sept. 18, 1891, judgment entered in favor of defendants including costs for \$12 78. Notice of appeal to supreme court Sept. 26, 1891.

SCHEDULE "C."

Final Actions Brought During the Year 1891, and Finally Disposed Of.

- No 421. L. J. MOORE VS. H. J. ALTNOW, CLERK OF MUNICIPAL COURT.**
Action in district court, application for a writ or mandamus to compel respondent to issue writ of execution. Return to alternative writ January 17, 1891, and writ quashed by order of district court.
- No 425. GUNDER BARLEY VS. THE CITY.**
Action in the United States circuit court to recover \$5,055 damages alleged to have been sustained by reason of an accident to plaintiff's six year old daughter on Aug. 20, 1890 caused by defective sidewalk on Jefferson street. June 17, 1891 action settled by payment to plaintiff of \$150, and dismissed by stipulation of the parties.
- No 426. L. J. MOORE VS. H. J. ALTNOW, CLERK OF MUNICIPAL COURT.**
Application to the district court for writ of mandamus to compel respondent to issue writ of execution to relator or her attorney. Feb. 7, 1891, motion to quash alternative writ of mandamus argued and submitted. Writ of mandamus dismissed by order of court.
- No 428. DOCK JAQUA VS. THE CITY.**
Action in the district court to recover \$10,300 damages alleged to have resulted to plaintiff by reason of an accident on Dec. 9th, 1890, caused by defective sidewalk on Colfax avenue south. Commenced Feb. 18, 1891. June 4 & 5, 1891, cause tried before the court and a jury, and verdict rendered for the defendant.
- No 429. GEORGE A. CHAMBERLAIN VS. THE CITY.**
Action brought in the district court to recover \$5,105.25 damages alleged to have been caused by reason of defective condition of Lyndale avenue near 24th street on April 27th, 1890. Action commenced Feb. 27th, 1891, and tried before the court and a jury May 28 and 29, 1891, resulting in a verdict for the plaintiff for \$200. July 31, 1891, case settled by payment to plaintiff of \$226.46, amount of verdict and costs, and dismissed by stipulation of the parties.
- No 431. WILLIAM J. HOWARD VS. THE CITY.**
Action brought in the district court to recover \$5,300 damages alleged to be caused by plaintiff falling into an excavation at the crossing of Lake street and Nicollet avenue on October 15, 1890. Action begun March 7, 1891, and tried before the court and a jury May 5, 1891, and dismissed by the court at the close of plaintiff's testimony on motion of defendant.

No. 432. E. H. BARRETT, *et al.*, vs. HORACE P. BREED, PLAINTIFF, AND THE CITY OF MINNEAPOLIS, GARNISHEE.

Action brought in the Municipal court seeking to garnish the city therefor. April 2, 1891, decision and order of court dismissing garnishee filed a motion therefor having been made and argued on March 24, 1891.

No. 433. WILLIAM BOEHMLER vs. THE CITY.

Action brought in the district court to recover \$5,110 damages by reason of accident to plaintiff's 15 year old daughter, caused by obstructions on sidewalk on Nicollet avenue and Seventh street and defective approaches thereto. Action commenced March 12, 1891, and dismissed by plaintiff's attorneys Aug. 31, 1891, after issue joined.

No. 434. STATE OF MINNESOTA, EX REL. A. T. ANKENY AND JOHN B. ATWATER vs. KRISTIAN KORTGAARD, AS TREASURER, AND SOLON ARMSTRONG, AS COMPTROLLER, OF THE CITY OF MINNEAPOLIS.

Application in the district court for a writ of mandamus to compel city comptroller to countersign and city treasurer to pay certain warrants or orders drawn on behalf of the library board. The real purpose of the action was to determine the question whether the interest accruing on bonds issued for the benefit of the library board should be charged to the library fund or to the general interest fund of the city. April 20th, 1891, return to alternative writ of mandamus made, argued and submitted. Decision of the court in favor of relators made and filed.

No. 435. CHARLES KLUGMAN vs. JAMES C. NOVACK, *et al.*, POLICE OFFICERS.

Action brought in the district court to recover \$5,000 damages for alleged unlawful arrest on February 12, 1891. Action commenced Feb. 18, 1891. April 29 and 30, 1891, action dismissed as to all the defendants except Novack, and cause tried before the court and a jury, and dismissed by the court at the close of plaintiff's testimony on motion of defendant.

No. 436. SAMUEL C. GALE, *et al.*, vs. THE CITY *et al.*

Application to the district court for an injunction restraining the mayor and comptroller from executing a contract with Ring & Tobin for furnishing and setting curb stone during season of 1891. April 28th, 1891, application for injunction heard on order to show cause, and dismissed after hearing and argument.

No. 437. DANIEL FINNEGAN vs. THE CITY.

Action brought in the district court to recover \$2,000.00 damages for personal injuries received from accident on May 17, 1891, on 2nd street, caused by alleged defective sidewalk. Sept. 24, 1891, case settled and dismissed by stipulation of the parties, after issue joined.

No. 439. ALFRED D. ALDRICH vs. THE CITY *et al.*

Action brought in the district court to recover \$800.00 damages to plaintiff's business by reason of permitting excavation in front of property adjoining plaintiff's place of business. August 8, 1891, action commenced by service of summons and complaint. October 24, 1891, demurrer to plaintiff's complaint argued and submitted, and demurrer sustained by the court.

No. 440. T. LEVIN, *et al.*, COPARTNERS, vs. THE CITY.

Action brought in the district court to recover \$1,000.00 damages to plaintiff's business by reason of city permitting excavation in front of adjoining property to remain an unnecessary length of time. Action began August 8, 1891, and October 24, 1891, demurrer to plaintiff's complaint argued before the court, and demurrer sustained.

No. 442. J. M. ENGSTROM vs. THE CITY.

Action to recover \$5,075.00 in the district court as damages for injury to hand while operating an excavating machine on sewer on Adams street and Sixth avenue N. E., July 1st, 1891. Commenced August 19, 1891. October 2, 1891, action settled by payment to plaintiff of \$375.00, and dismissed by stipulation.

No. 444. JOSIAH THOMPSON, JR., vs. THE CITY, *et al.*

Action brought in the district court to restrain collection of assessments made in the matter of laying out and opening 32d street from 21st avenue south to Minnehaha avenue. Commenced October 31, 1891. December 18, 1891, demurrer to plaintiff's complaint argued and sustained by the court.

No. 445. AUGUST MITTELSTAEDT vs. THE CITY.

Action brought in the municipal court to recover \$30.50 balance claimed to be due for services rendered on contract. Nov. 7, 1891, summons and complaint served, and answer thereto made Nov. 11. Cause dismissed by stipulation Dec. 1, 1891.

No. 446. STATE OF MINNESOTA EX REL. A. C. AUSTIN *et al.* VS. KRISTIAN KORTGAARD *et al.*

Application to the district court for a writ of mandamus to compel the city comptroller and city treasurer to countersign and pay certain orders drawn by the Board of Education. This action was brought for the purpose of determining the question whether the interest on outstanding bonds issued for the benefit of the Board of Education should be charged to the funds of the Board of Education, or to the general interest fund of the city. Dec. 2, 1891, a return was made to the alternative writ issued in said action and argued before the court, whereupon the court made and filed its decision ordering that a mandatory writ of mandamus issue requiring the treasurer and comptroller to sign and pay the orders mentioned in the petition. The court in its decision decided that the Board of Education should pay the principal and interest of \$1,000,000 outstanding bonds formerly issued by the school board of the East division and \$10,000.00 of outstanding bonds formerly issued by the school board of the West division of the city, and that the interest on all other outstanding school bonds should be paid by the city.

SCHEDULE "D."

Civil Actions Brought During the Year 1891 and Still Pending.

No. 427. ERICK LUNDIN VS. THE CITY.

Action brought in the United States district court to recover \$40,000.00 damages caused by explosion of dynamite cartridge on Sept. 18, 1890, while plaintiff was engaged in the construction of a sewer on 4th Street N. E. February 2, 1891, action begun by service of summons issued and February 21, 1891. Cause tried before Judge Nelson and a jury September 11, 14, 15, 1891, resulting in a verdict in favor of the plaintiff for \$5,000.00. Motion for new trial on behalf of defendant now pending.

No. 430. JOHN NELSON VS. THE CITY.

Action brought in the district court to recover \$2,150.00 damages to plaintiff and his wagon and horse caused by accident November 12, 1890, on approach to bridge over the Northern Pacific Railway tracks on 4th Avenue North. Action begun March 3, 1891, and issue joined March 28, 1891. Cause tried October 14, 15, 1891, before the court and a jury, and verdict found in favor of the defendant. Plaintiff proposes to appeal to the supreme court.

No. 438. BARBARA HAUSER VS. THE CITY.

Action brought in the district court to recover \$5,000.00 for personal injuries received July 12, 1891, on 4th Street North, caused by alleged obstruction in the street. August 18, 1891, action begun by service of summons and complaint and issue joined August 25, 1891. October 23, 26, 1891, cause tried before the court and a jury, and the jury disagreeing no verdict was found. Case set for trial January 4, 1892.

No. 441. HARRIET L. ORTMAN VS. THE CITY *et al.*

Action brought in the district court to establish the right and title of plaintiff to an undivided one third of certain lands in Section 18, Township 29, Range 23, in the city of Minneapolis. The city is interested only to the extent of the streets platted and dedicated on said lands. Action commenced August 14, 1891, by service of summons and notice and filing of complaint. Issue joined October 2, 1891, and case set for trial January 4, 1892.

No. 443. FREDERICK K. REUM VS. THE CITY.

An action brought in the circuit court of the United States to recover \$15,250.00 personal damages by reason of injuries received May 22, 1891, on Haskell Avenue caused by alleged falling of buckets while removing an excavator used in sewer construction. Action commenced October 7, 1891, and issues joined December 4, 1891.

No. 447. JENNIE G. WINSLOW VS. THE CITY.

Action brought in the district court to recover \$3,000.00 personal damages by reason of accident on October 18, 1891, caused by alleged excavation across sidewalk on 1st Avenue North between 3rd and 4th streets. Summons and complaint served December 9, 1891.

No. 424. GEORGE W. BISHOP VS. THE CITY.

Action in municipal court to recover \$100.00 alleged reasonable use of plaintiff's horse, wagon and harness, by request of superintendent of parks, between April 1 and August 14, 1890. Case and papers turned over to Mr. Rockwood attorney for the park board. Cause at issue and not disposed of.

SCHEDULE "E."

Street Opening Appeal Cases Receiving Attention During the Year 1891.

Street No. 346. IN RE OPENING, ETC., TWENTY-SEVENTH AVENUE N. E. FROM MARSHALL STREET TO MONROE STREET. ST. PAUL, MINNEAPOLIS & MANITOBA RAILWAY CO., APPELLANTS.

District court commissioners awarded to appellant, for land taken \$1 00, for planking and grading \$220 00; total \$221 00. Council commissioners awarded \$1 00. Pending in district court on motion for confirmation of report of commissioners.

Street No. 423. IN RE OPENING, ETC., TWENTY-FIFTH AVENUE N. E. FROM FOURTH STREET N. E. TO MONROE STREET. THE ST. PAUL, MINNEAPOLIS & MANITOBA RAILWAY CO., AND THE GREAT NORTHERN RAILWAY CO., APPELLANTS.

Award of court commissioners to St. Paul, Minneapolis & Manitoba Railway Co. \$1 00, to Great Northern Railway Co. for land taken, \$1 00, for planking and grading, \$173 07 total, \$174 07.

Street No. 446. IN RE OPENING, ETC., FIFTEENTH AVENUE N. E. FROM MONROE STREET TO JACKSON STREET. THE ST. PAUL, MINNEAPOLIS & MANITOBA RAILWAY CO., AND THE GREAT NORTHERN RAILWAY CO., APPELLANTS.

Award of court commissioners to St. Paul, Minneapolis & Manitoba Railway Co. \$1 00, to Great Northern Railway Co. for land taken, \$1 00, for planking and grading, \$113 22 total, \$114 22.

Street No. 428. IN RE OPENING, ETC., FORTY-SECOND AVENUE NORTH FROM LYNDALE AVENUE TO EAST LINE OF WYOMING PARK. WILLIAM CAMPBELL, APPELLANT.

Court commissioners awarded \$334 00 damages; council commissioners awarded \$490 00 damages. Confirmed by district court and reported to council.

Street No. 469. IN RE OPENING, ETC., FIFTH AVENUE SOUTH FROM NINTH TO TENTH STREETS. LEVI L. COOK, APPELLANT.

Court commissioners awarded nothing, benefits equal to damages, same as council commissioners award. Confirmed by district court and reported to the council.

Street No. 445. IN RE OPENING ETC., THIRTY-SECOND STREET, FROM TWENTY-FIRST AVENUE SOUTH TO MINNEHAHA AVENUE. F. C. GRISWOLD AND ELLA H. GRISWOLD, APPELLANTS.

Court commissioners awarded nothing, benefits equal to damages. Council commissioners awarded \$430 00 damages. Confirmed by the district court and reported to the council.

Street No. 479. IN RE OPENING ETC., A STREET FROM BROADWAY TO THE EAST AND WEST CENTER LINE THROUGH SEC. 7, TOWN 29, RANGE 23. LEWIS R., CHARLES T., AND MARY E. REDFIELD, APPELLANTS.

Court commissioners awarded \$150 00 damages. Council commissioners awarded nothing. Confirmed by the district court and reported to the council.

Same Matter as Street No. 479. ESTHER M. ROWE, FRANK W. ROWE AND IDA M. SIMPSON, APPELLANTS.

Court commissioners awarded \$140 00 damages. Council commissioners awarded nothing. Confirmed by the district court and reported to the Council.

Street No. 377. IN RE OPENING ETC., SEVENTH STREET NORTH, FROM SECOND AVENUE TO HOAG AVENUE. CLARENCE A. BROWN, APPELLANT.

Court commissioners assessed benefits at \$25 00; Council commissioners assessed \$200 00. Confirmed by the district court and reported to the council.

- Same matter as Street No. 377. **ON APPEAL OF EDWIN G. BLODGETT.**
Court commissioners assessed benefits at \$25.00, Council commissioners assessed at \$200.00. Confirmed by the district court and reported to the council.
- Street No. 475. **IN RE OPENING ETC., TWELFTH AVENUE SOUTH, FROM LAKE STREET TO POWDER HORN PARK. MARY HEDDEMARK, APPELLANT.**
Court commissioners awarded \$750.00 damages. Council commissioners awarded \$650.00 damages. Confirmed by the district court and reported to the council.
- Street No. 454. **IN RE OPENING, ETC., HENNEPIN AVENUE FROM TENTH STREET TO LYNDALE AVENUE. ANNA C. KITCHELL AND TEN OTHERS, APPELLANTS.**
Proceedings annulled by order of the district court on account of irregularities of proceedings, and abandoned by the council.
- Street No. 486. **IN RE OPENING ETC., TWENTY-SECOND STREET FROM EIGHTEENTH AVENUE SOUTH TO CEDAR AVENUE. TOBIAS KOLSTA, APPELLANT.**
Court commissioners awarded \$220.00 damages. Council commissioners awarded \$50.00 damages. Confirmed by the district court and reported to the council.
- Same matter as Street No. 486. **CARLTON J. STOCKDALE, APPELLANT.**
Court commissioners awarded \$800.00 damages, being the same as council commissioners' award. Confirmed by the district court and reported to the council.
- Street No. 480. **IN RE OPENING, ETC., HIAWATHA AVENUE FROM FORTY-FIRST STREET TO FIFTIETH STREET. MARY C. MORRIS AND TWO OTHERS, APPELLANTS.**
Court commissioners appointed. Award not yet made.
- Street No. 485. **IN RE OPENING, ETC., GROVELAND AVENUE FROM SUMMIT PARK ADDITION TO NEWTON AVENUE. W. J. BISHOP AND FOUR OTHERS, APPELLANTS.**
Appeals dismissed by order of the district court.
- Street No. 494. **IN RE OPENING, ETC., MARY PLACE FROM ELEVENTH TO TWELFTH STREETS. H. G. HARRISON, APPELLANT.**
Court commissioners awarded \$5,000.00 damages, same as council commissioners' award. Confirmed by the district court and reported to the council.
- Street No. 492. **IN RE WIDENING, ETC., PLYMOUTH AVENUE FROM LYNDALE AVENUE TO NORTH AND SOUTH LINE THROUGH SECTION 17 TOWNSHIP 29, RANGE 24. FRANCIS A. BENHAM, APPELLANT.**
Court commissioners awarded to Benham \$65.00 damages; council commissioners awarded nothing. Confirmed by the district court and reported to the council.
- Same matter as Street No. 492. **ON APPEAL OF GERHARD BERNDGREN.**
Court commissioners awarded no damages, same as council commissioners' award.
- Street No. 493. **IN RE OPENING AN ALLEY FROM EIGHTH AVENUE NORTH TO TENTH AVENUE NORTH. A. H. REID, APPELLANT.**
Court commissioners awarded \$300.00 damages. Council commissioners awarded \$125.00 damages. Confirmed by the district court and reported to the council.
- Street No. 502. **IN RE WIDENING HENNEPIN AVENUE, FROM TENTH STREET TO LYNDALE AVENUE. ANNA C. KITCHELL, APPELLANT.**
Court commissioners awarded no damages. Council commissioners awarded \$300.00 damages. Motion for confirmation of report of commissioners made, argued and submitted in district court. Decision not yet rendered.
- Same matter as No. 502. **ON APPEAL OF ALOIS KNOBLAUCH ESTATE.**
Court commissioners awarded no damages. Same as council commissioners' award. Under advisement in district court on motion for confirmation of report of commissioners.
- Same matter as No. 502. **ON APPEAL OF JERUSHA WELLS.**
Appeal dismissed pursuant to stipulation.

- Same matter as No. 502. **ON APPEAL OF JAMES M. WILLIAMS**
Court commissioners awarded no damages. Same as council commis-
sioners' award. In this and the following appeals in this matter a
motion for the confirmation of the report of the commissioners has
been made, argued and submitted in the district court, but decision
thereon has not been rendered.
- Same matter as No. 502. **ON APPEAL OF WILLIAM M. JENKINS.**
Court commissioners awarded no damages, being the same as council
commissioners' award.
- Same matter as No. 502. **ON APPEAL OF ARRA H. CARPENTER.**
Court commissioners awarded no damages, being the same as the
council commissioners' award.
- Same matter as No. 502. **ON THE APPEAL OF F. S. GILSON *et al.***
Court commissioners made assessment of \$170.00 for benefits, being the
same as council commissioners' assessment.
- Same matter as No. 502. **ON APPEAL OF GEORGE AND ARTHUR McMULLEN.**
Court commissioners made award of \$3,000.00 damages to improve-
ments, being the same as council commissioners' award.
- Same matter as No. 502. **ON THE APPEAL OF HENNEPIN AVENUE M. E.
CHURCH.**
Court commissioners made award of \$2,000.00 damages to improve-
ments, being the same as council commissioners' award.
- Same matter as No. 502. **ON THE APPEAL OF JOEL B. BASSETT.**
Court commissioners made assessment for benefits of \$40.00. Council
commissioners' assessment \$80.00.
- Street No. 495. **IN RE OPENING, ETC., PENN AVENUE, FROM THIRTY-
FOURTH TO FORTY-FOURTH AVENUES NORTH. HANS
LUNDGREN, APPELLANT.**
Court commissioners made award of \$100.00 damages. Council com-
missioners awarded no damages. Confirmed by the district court
and reported to the council.
- Street No. 501. **IN RE OPENING, ETC., THIRTY-FOURTH STREET EAST
FROM CHICAGO AVENUE TO ELEVENTH AVENUE
SOUTH. JENNIE R. F. BLAISDELL, APPELLANT.**
Commissioners appointed by the district court. Application by appel-
lant to supreme court for a writ of certiorari. Application dis-
missed.
- Street No. 524. **IN RE OPENING, ETC., AN ALLEY THROUGH BLOCK 110 OF
TOWN OF MINNEAPOLIS FROM TWELFTH AVENUE
SOUTH TO THIRTEENTH AVENUE SOUTH. DAVID
RAFTER AND OTHERS, APPELLANTS.**
Pending in district court. Court commissioners appointed.
- Street No. 523. **IN RE OPENING, ETC., THIRTEENTH STREET SOUTH
FROM NICOLLET AVENUE TO THIRTEENTH STREET
SOUTH. A. M. REID, APPELLANT.**
Court commissioners appointed.

SCHEDULE "F."

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Found guilty.....	283
Found not guilty and dismissed by the State.....	112
	385

ANNUAL REPORT
CITY ENGINEER,
1891.

CITY ENGINEER'S DEPARTMENT.

ANDREW RINKER,
City Engineer.

R. L. COX,
Chief Clerk.

CHAS. O. HUNTRESS,
Ass't City Engineer.

F. G. PARKHILL,
Head Bookkeeper.

NELLIE BURNS, *Stenographer.*

WATER WORKS DIVISION.

W. W. REDFIELD,
Engineer.

G. BOGERT,
Draughtsman.

SEWER DIVISION.

W. D. VANDUZEE,
Engineer.

R. J. STARK,
Bookkeeper.

CARL ILSTRUP,
Ass's Engineer.

J. W. FLEU,
Chief Inspector.

G. W. SUBLETTE,
Sup't of Construction.

AUGUST RYDH,
Time Keeper.

M. E. SLEEPER,
Street Foreman.

F. C. DETERLY,
Transitman.

Four Levelmen, four Rodmen, four Inspectors, two Clerks, two Draughtsmen.

STREET DIVISION.

I. E. HOWE,
Engineer.

B. H. DURHAM,
Transitman.

E. R. DUTTON,
Ass't Engineer.

W. F. DEALING,
Sup't of Sidewalks.

Five Levelmen, seven Rodmen, two Draughtsmen, two Clerks.

BRIDGE AND BUILDING DIVISION.

F. W. CAPPELFN,
Engineer.

A. B. COE,
Ass't Engineer.

One Draughtsman, one Rodman, one Inspector.

MINNEAPOLIS, MINN., January 9th, 1892.

To the Honorable City Council, City of Minneapolis:

GENTLEMEN:—I herewith submit the report of the work done under the direction of the City Engineer's Department, during the year ending December 31st, 1891.

Respectfully submitted,
ANDREW RINKER,
City Engineer.

TABLES SHOWING THE WORK OF CITY ENGINEER'S DEPARTMENT, MINNEAPOLIS, MINN., FOR 1891.

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INVENTORY OF PERMANENT PUBLIC IMPROVEMENTS, JANUARY 1, 1902.
CONSTRUCTED BY OR IN CHARGE OF THE CITY ENGINEER'S DEPT.

	Length miles.	Length, feet.	Square yards.	Cost.
Pavement	39 6	212,207	958,354	\$1,276,806 65
Curb and gutter	101 3	534,820		568,342 06
Sewers and tunnels	98 4	519,613		3,267,473 17
Water mains	177 2	935,498		2,035,848 00
Franklin av bridge over the Mississippi river				143,430 27
Washington av bridge over the Mississippi river				106,487 48
Tenth av S bridge over the Mississippi river				106,000 00
Hennepin steel arch bridge over the Mississippi				256,375 32
Stone arch bridge east channel Mississippi river				70,405 02
Plymouth av bridge over the Mississippi river				68,500 09
Twentieth av N bridge over the Mississippi river				109,110 03
Hennepin Island bridge, E channel Mississippi				4,804 16
First street N " over Bassett's creek				6,000 00
Second street N " " " "				6,922 40
Washington av N " " " "				8,645 00
Third street N " " " "				10,633 63
Fourth street N " " " "				8,040 29
Fifth street N " " " "				1,974 12
Lyndale avenue " " " "				6,140 68
Fifth avenue N " " " "				1,942 00
Sixth avenue N " " " "				2,945 74
Tenth avenue N " " " "				6,809 54
Western avenue " " " " No 1, over Bassett's creek				1,980 30
Western avenue " " " " No 2, over Bassett's creek				
near Upton avenue				1,311 07
Cedar Lake road bridge over Bassett's creek				9,233 75
Fifth avenue N " " " "				224 00
University av " " " " University creek				1,248 52
Fourth street S.E. " " " "				7,309 70
Seventh av S.E. " " " "				1,370 65
Thirty fourth av S bridge over Minnehaha creek				470 96
Twenty-eighth av S " " " "				323 41
Lyndale avenue " " " "				1,000 00
Minnehaha avenue " " " "				5,982 87
Chicago avenue " " " "				500 00
Lyndale avenue " " " " Shingle				1,801 27
Forty fourth av N " " " "				183 83
Sixth avenue S, bridge over Mill Co's canal				10,004 52
Washington avenue viaduct				35,902 64
Laurel avenue bridge over railroads				50,471 00
Fifteenth avenue S.E. bridge over railroads				9,444 53
Penn avenue bridge over Bassett's creek				149 33
Washington av bridge over Gt Northern Ry				
Hennepin av " " " "				
Thirty-sixth street bridge near Lake Calhoun,				6,185 48
under Motor tracks.				
Superior av bridge over Gt Northern Ry and				
M & St L Ry, built by private parties.				
First av N bridge over Gt Northern Ry and M.				
& St L Ry, built by railway companies				
Second st N bridge over Gt Northern Ry and				
M & St L Ry, built by railway companies				
Plymouth avenue viaduct				6,142 07
Royalston av bridge over Gt Northern Ry and				
M & St L Ry, built by railway companies				
Western av bridge over Gt Northern Ry and				
M & St L Ry, built by railway companies				
Lyndale av bridge over Gt Northern Ry and				
M & St L Ry, built by the city				34,727 51
First street S bridge over M & St L Ry and				
M E Ry, built by railway companies				
University av S.E. bridge over Gt Northern Ry,				
built by railway companies				
Fourth st S.E. bridge over Gt Northern Ry,				
built by railway company				
Fourteenth av S.E. bridge over Gt Northern				
Ry, built by railway companies				
Charles st bridge over St P N P Ry, built				
by railway company				
State st bridge over St P N P Ry, built by				
railway company				
Fourth av N bridge over St P N P Ry, built				
by railway company				
Cedar Lake road bridge over Gt Northern Ry,				
built by railway company				
Western av bridge over Gt Northern Ry, built				
by railway company				
First st N bridge over Gt Northern Ry, and				
M & St L, built by railway companies....				
	418 5	2,202,130	968,354	\$8,251,070 00

\$4,000 of this amount paid by Street Railway Company.

TABLE NO. 2.

EXPENDITURES FOR PUBLIC IMPROVEMENTS UNDER THE DIRECTION OF
THE CITY ENGINEER FROM JANUARY 1ST, 1891, TO JANUARY 1ST, 1892.

ENGINEERS—		
Pay rolls.....	\$42,152.98	
Stationery and office supplies.....	605.17	
Blank books, blanks, maps, plats, plat books and printing.....	558.64	
Draughtsmen supplies.....	181.73	
Instruments repairs (old).....	140.10	
Instrument tools, &c. (new).....	113.93	
Postage.....	85.98	
Telephone.....	35.50	
Livery.....	6.75	
Typewriter supplies.....	8.45	
Telegraph.....	1.02	
	-----	* \$43,890.28
CITY HALL—		
Furniture, repairs, janitor's supplies, light and fuel.....		8,801.78
WARDS—		
Ward expense account—tools, repairs, supplies and street commissioner's pay rolls.....	137,211.96	
Ward expense—grading, contract work.....	4,809.38	
Ward expense—culverts and cross walks, material, street commissioners work.....	8,638.66	
	-----	145,660.02
SIDEWALKS—		
New.....	44,118.46	
Repairs.....	1,789.32	
	-----	45,907.78
Sweeping and cleaning pavement.....		24,885.01
Street sprinkling.....	73,995.12	
Bridge sprinkling.....	155.25	
	-----	74,150.37
PAVING—		
Certified bills payable July, 1892 have been given for part of this amount..	180,947.15	
Paving repairs.....	6,507.51	
	-----	187,454.66
CURB AND GUTTER—		
Furnished, set and repairs; certified bills payable July 1892, have been given for part of this amount.....		63,493.58
CONDUITS—		
Paving repairs, and material for the Edison, Brush, Telephone and W. U. Telegraph companies' conduits; amount to cover these conduits deposited with city treasurer...		1,626.76
STREET RAILWAY CO.—		
Paving repairs, amount to cover this amount deposited with city treasurer.....		730.74
Dumps.....		183.24
Watering troughs and drinking fountains, material, labor and repairs.....		2,167.73
STREET LIGHTING—		
Moving lamp posts.....		130.00
Fourth Avenue North railroad crossings.....		133.75
STREET OPENING—		
Expense.....		329.10
BRIDGES AND BRIDGE REPAIRS—		
Material, tools and labor.....		111,509.21
Sewers.....		336,250.50
City scales.....		383.28
Special tax expense.....		1,550.15
Street signs.....		8.75
Harvest festival expense.....		181.47
North Minneapolis pumping station.....		45.87

Total.....		\$1,049,449.00

* The comptroller's amount for this item is larger than this, on account of his including certain expenditures which are not properly chargeable to the engineer's expense.

TABLE No. 3.
SUMMARY OF ALL PAVING LAID PREVIOUS TO JANUARY 1st. 1892.

KIND.		LENGTH.		Square Yards. 100ths.	Cost.
		Miles 100ths.	Feet. 100ths		
Cedar,.....	Streets.....	31.549	166,582.38	771,710.05	\$814,715.00
Cedar.....	Alleys	2.048	10,813.24	19,367.02	23,023.00
Cedar.....	Totals.....	33.597	177,395.62	791,077.07	\$837,738.00
Granite.....	Streets.	4.101	21,655.00	121,887.29	\$306,068.90
Granite.....	Alleys . ....	.176	926.00	1,505.21	3,902.09
Granite.....	Totals.....	4.277	22,581.00	123,392.50	\$309,970.99
Asphalt	Streets.....	1.248	6,592.00	42,691.40	\$123,524.68
Asphalt	Alleys.....	.121	638.00	1,192.34	2,900.51
Asphalt	Totals.....	1.369	7,230.00	43,883.74	\$126,515.14
Grand Totals.....		39.243	207,206.62	958,353.31	\$1,274,244.13

TABLE NO. 4.
PAVING DONE DURING THE SEASON OF 1901.

STREET.	FROM--	TO--	KIND	Width of gutters, feet.	Width paved by St. Ry. Co., feet.	Width paved by city, feet.	Width of roadway, feet.	Rate of excavation per square yard.	Contract price,		Length paved feet.	Square yards by city.	Cost.	CONTRACTOR.
									Per square yard.	Excavation per cubic yard.				
Central av.	7th st. N. E.	25th av. N. E.	Cedar.	15	15	36	50	\$.80	\$.80	11	9,000	43,823	\$35,840 14	Williams & King.
Cedar av.	6th st.	7th st.	Cedar.	15	15	36	50	.90	.85	.11	470	1,803	1,612 24	Williams & King.
Elwood av.	6th av. N.	10th av. N.	Cedar.	2	15	32	50	.87	.86	.11	2,400	9,807 7	8,512 02	Jas. E. Snyder.
1st st. N.	2d av.	5th av.	Granite.	2	15	32	50	1.84	1.67	.11	600	2,167 5	5,272 09	Jas. E. Snyder.
5th st. N. E.	Central av.	1st av.	Cedar.	15	15	36	50	.90	.84	.11	400	2,510	2,023 10	Williams & King.
16th av. S. E.	4th st.	Como av.	Cedar.	15	15	36	50	.90	.80	.11	2,380	9,083	7,225 85	Williams & King.
Grant st.	Nicollet av.	Vine pl.	Cedar.	15	15	36	50	.90	.84	.11	393	1,760	1,685 95	Williams & King.
Hennepin av.	Oak Grove st.	Groveland av.	Cedar.	15	15	36	50	.90	.82	.11	750	2,908	5,680 52	Williams & King.
Knox av.	10th av. N.	L. St. b. 4. Oak Pl.	Cedar.	15	15	36	50	.87	.84	.11	1,462	5,000	4,300 00	Jas. E. Snyder.
Marshall st.	4th av. N. E.	5th av. N. E.	Cedar.	15	15	36	50	.87	.80	.11	853	2,465	2,119 90	Jas. E. Snyder.
Nicollet av.	13th st.	Grant st.	Cedar.	15	15	36	50	.90	.85	.11	435	2,400	2,214 70	Williams & King (Co
Park av.	23th st.	28th st.	Asphalt.	2	15	36	50	2.76	2.75	.45	2,080	13,090	25,865 80	Warren-Scharf & P.
Plymouth av.	Lyndale av.	Dupont av.	Cedar.	15	15	36	50	.90	.84	.11	1,280	6,288	5,372 06	Williams & King.
Riverside av.	Lyndale av.	29th av. S.	Cedar.	15	15	36	50	.90	.80	.11	1,123	4,717	3,780 22	Williams & King.
Royleston av.	R. R. bridge.	Highland av.	Cedar.	15	15	36	50	.90	.80	.11	750	2,981	2,582 02	Williams & King.
Severns av.	Grant st.	23th st.	Cedar.	15	15	36	50	.90	.80	.11	8,000	26,285	21,126 43	Williams & King.
2d st. N. E.	Central av.	Broadway st.	Cedar.	15	15	36	50	.87	.86	.11	4,523	15,507	13,346 11	Jas. E. Snyder.
8th av. n.	8th st.	Lyndale av.	Cedar.	15	15	36	50	.90	.86	.14	2,712	8,089	6,955 28	Williams & King.
3d st. S.	11th av.	12th av.	Cedar.	15	15	36	50	.90	.82	.11	2,200	8,067	2,307 09	Williams & King.
Vine pl.	Grant st.	Groveland av.	Cedar.	15	15	36	50	.90	.80	.11	2,200	8,067	6,537 47	Williams & King.
Wash. av. N.	3d Total.	5th av.	Cedar.	17	17	50	67	.90	.80	.10	43,338	151,453 6	3,376 06	Jas. E. Snyder.
Asphalt. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,080	13,090	176,386 63	8,522 miles.
Gravel. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	400	2,400	25,865 80	3,022 miles, asphalt.
												2,400	8,572 00	1146 miles gravel.

TABLE No. 6.
SUMMARY OF ALL CURBS AND GUTTER SET PREVIOUS TO JANUARY 1, 1892.

	LENGTH.		Cost.
	Feet, 100ths.	Miles. 1000th.	
Kettle river sandstone.....	271,749.15	51.468	\$270,881.46
Limestone.....	137,825.07	26.103	176,971.16
Parkhurst's patent combined—artificial.....	111,008.50	21.024	88,457.97
Granolithic—artificial.....	8,005.20	1.516	7,204.68
Cement—artificial.....	2,356.20	.446	2,308.98
Granite.....	3,875.70	.734	4,417.91
Totals.....	534,819.92	101.291	\$550,242.16
Number of curb corners.....	644 00	.....	5,498.00
Number of stone catch basin covers.....	926.00	.....	11,612.00
Total cost .....	.....	.....	\$567,352.16

TABLE No. 7.
CURB AND GUTTER SET DURING THE REASON OF 1901

STREET.	FROM—	TO—	KIND.	Depth of stone, inches.	Depth of gutter, inches.	Thickness of curb, inches.	Rates of m- s- per lineal ft.	Contract price per lineal ft.	Length, Feet.	Cost 10 lbs.	Length, Feet.	Cost 10 lbs.
Cedar av	7th st	Franklin av	Kettle River, without gutt	24	12	6	8	81	2,200 9	\$1,855 13	.....	.....
Central av	10th st N.E.	25th av N.E.	Kettle River, without gutt	24	12	6	8	81	13,023 5	10,540 04	.....	.....
Clifton av	Vine Pl.	Clifton Pl.	Parkhurst Pat. Combined	24	10	10	8	75	3,983	2,904 75	.....	.....
Dupont av	Plymouth av	20th av N.	Kettle River, without gutt	24	12	6	8	81	4,941	4,002 21	.....	.....
1st av N.	3rd av N.	O St P M & O	Granite, without gutter	24	12	6	8	81	3,151 7	2,067 91	.....	.....
4th av N.E.	Main st	5th st	Kettle River, without gutt	24	12	6	8	81	2,987 2	2,103 73	.....	.....
15th av S.E.	14th st	Hollins av	Parkhurst Pat. Combined	18	12	10	6	80	906	901 60	.....	.....
Grant st	Nicollet av	Vine Pl.	Kettle River, without gutt	16	10	10	6	81	3,650 00	2,920 00	.....	.....
Grove land av	Vine Pl.	Pillsbury av	Kettle River, without gutt	24	12	6	8	81	680 5	558 50	.....	.....
Heimoph av	Oak Gr'v st	Gr'v'nd av	Kettle River, without gutt	24	12	6	8	81	680 1	558 50	.....	.....
Marshall st	8th av N.E.	10th av N.E.	Kettle River, without gutt	24	12	6	8	81	763 1	634 47	.....	.....
Main st N.E.	8th av N.E.	Broadway st	Kettle River, without gutt	30	16	6	1,10	1 10	132 3	145 53	.....	.....
Monroe st	3rd av N.E.	18th av N.E.	Kettle River, without gutt	24	12	6	8	81	3,587 4	2,005 70	.....	.....
Nicollet av	At	Latst	Kettle River, without gutt	24	12	6	8	81	3,121 1	1,368 00	.....	.....
Oak Lake av	6th av N.	9th av N.	Kettle River, without gutt	24	12	6	8	81	49 6	40 17	.....	.....
Plymouth av	Lyndale av	Dupont av	Kettle River, without gutt	24	12	6	8	81	2,702 0	2,189 35	.....	.....
Riverside av	Cedar av	20th av N.	Kettle River, without gutt	24	12	6	8	81	2,274 8	1,842 50	.....	.....
2nd st N.E.	2nd av N.	Broadway st	Kettle River, without gutt	24	12	6	8	81	1,750	1,363 30	.....	.....
3rd st S.	2nd st N.	Wash av	Kettle River, without gutt	24	12	6	8	81	2,005	1,672 65	.....	.....
10th av N.	11th st	Cedar av	Kettle River, without gutt	24	12	6	8	81	749 1	606 77	8,359	80,505 35*
10th av N.	Wash av	Oak Lake av	Kettle River, without gutt	24	12	6	8	81	3,623 8	2,915 24	3,155 7	2,007 91*
Vine Pl	Grant st	Oak Gr'v st	Kettle River, without gutt	24	12	6	8	81	1,537 6	1,245 45	60,940 6	49,780 69*
Wash. av N.	3rd av N.	5th av	Kettle River, without gutt	24	12	6	1,10	1 10	2,486 3	2,013 00	.....	.....
Wash. av N.	20th av N.	20th av	Kettle River, without gutt	24	12	6	8	81	1,186 1	1,004 71	.....	.....
180 stone catch basin covers @ \$12 00.									4,707 1	3,812 75	.....	.....
20 curb corners @ \$8 00.									859,254 95	.....	.....	.....
8 curb corners @ \$9 00									2,988 00	.....	.....	.....
Incidentals									160 00	.....	.....	.....
									54 00	.....	.....	.....
									159 64	.....	.....	.....
									72,444 3	602,710 70	72,444 3	\$50,254 95

* Total Parkhurst's Pat Combined, \$ Total Granite, 11 5435 miles natural stone 1 5793 miles Parkhurst Pat Combined

TABLE NO. 8.
CURB AND GUTTER ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1891.

All curb and gutter put in by the city is furnished and set by contract, and all assessable property is assessed by the front foot for its exact frontage on the street where curb and gutter is put in. The general city pays the cost of curb and gutter around corners and in front of property exempt from special assessments. The tax for curb and gutter is paid in five equal annual installments with interest at the rate of five (5) per centum per annum, on all deferred payments.

STREET.	FROM—	TO—	KIND.	Rate of as- sessment per front ft.	Length.		Cost.	Amount of assessment.
					Feet.	100ths.		
*1st st. N.....	3rd av.....	C.St.P.M.&O.RR	Granite, without gutter.....	\$.96	3,155	.70	\$2,997.91	\$2,219.14
2nd av. N.....	3rd st.	4th st.....	Natural stone, without gutter.....	1.10	678		745.80	745.80
*2nd st N. E.....	8th av.....	Broadway st....	Kettle River, without gutter.....	.81	2,065		1,672.65	1,337.23
3rd av. N.....	4th st.....	5th st.....	Natural stone, without gutter.....	1.10	800		880.00	748.44
*Wash. av. N....	3rd av.....	5th av.....	Kettle River, without gutter.....	1.10	1,106	.10	1,304.71	1,322.20
			Put in by owner... ..	.....	132		145.20	
			Put in 1891.....	.....	6,538	.80	6,120.47	4,878.57
			To be put in 1892.....	.....	1,478		1,625.80	1,494.24
			Totals.....	.....	8,016	.80	\$7,746.27	\$6,372.81

* Put in 1891.

TABLE NO. 9.
SUMMARY OF SEWERS AND SEWER TUNNELS CONSTRUCTED PRIOR TO
JANUARY 1, 1892.

KIND.	Size inches.	Total length.	
		Feet.	Feet.
Vitrified Clay Pipe.....	9	82.4	148,760.0
.....	10	578.1	
Cement Pipe.....	12	81,524.3	
.....	15	44,624.1	
.....	18	19,934.1	
.....	24	2,017.0	
Brick.....	20	30.4	
.....	24	182,172.6	
.....	27	1,319.1	
.....	30	51,521.8	
.....	33	3,733.8	347,028.9
.....	36	34,269.1	
.....	39	406.6	
.....	40	3,872.2	
.....	42	9,623.6	
.....	44	2,852.4	
.....	45	665.1	
.....	48	4,533.4	
.....	51	396.8	
.....	54	7,526.5	
.....	60	12,951.5	
.....	66	331.8	
.....	72	9,930.5	
.....	75	664.4	
.....	78	655.8	
.....	84	1,296.6	
.....	87	590.3	
.....	90	7,781.9	
.....	93	978.9	
.....	96	8,923.8	
93.9 Miles.....			495,788.9

TUNNELS.

STREET.	FROM—	To—	Length feet.
Eighth avenue S.....	River.....	Washington avenue.....	860.0
Eleventh avenue S.....	River.....	218.4 ft. N of Second St..	645.0
Fourth street S.....	River.....	Twenty-first avenue S..	940.0
Tenth avenue S. E.....	River.....	University avenue.....	418.0
Northeast Minneapolis..			7,235.3
Oak street.....			186.0
North Minneapolis.....			7,256.5
Third avenue N. E.....	River.....	Fifth street.....	1,733.5
Second street N. E.....	Central avenue.....	Broadway street.....	4,550.0
Total feet.....			23,824.3
Total miles.....			4.512

TABLE NO. 10.

SEWERS CONSTRUCTED DURING THE SEASON OF 1891.

STREET	FROM	TO	Rise— inches.	Kind.	Shape.	Cost.	Length.	Cost.
Adams st....	Spring st.	15th av N. E.	24	Brick	Egg.	1890	2,378.9	\$70,587.41
Adams st....	15th av N. E.	17th av N. E.	18	Pipe	Oval	1890	840.2	2,615.25
Blaisdell av	28th st	28th st	24	Brick	Egg.	1890	1,320.8	3,376.95
Blaisdell av	Franklin av	22nd st	12	Pipe	Oval	1890	853.9	1,198.45
Bryant av.	Sixth av. N	Hassett's creek	12	Pipe	Oval	1891	800.8	475.95
*Cedar av	Sixth st S	Ninth st S	24	Brick	Egg.	1891	1,257.5	2,658.24
Cedar av.	Ninth st	Franklin av	12	Pipe	Oval	1891	327.7	799.24
Cedar av.	22nd st	25th st	24	Brick	Egg.	1891	1,812.7	3,015.72
Cedar av.	25th st	25th st	12	Pipe	Oval	1891	807.3	1,255.20
Cedar av.	26th st	Lake st	26	Brick	Egg.	1891	2,804.5	12,128.84
Cedar av.	Lake st	33rd st	24	Brick	Egg.	1891	1,983.2	5,439.49
Cedar av.	33rd st	34th st	12	Pipe	Oval	1891	531.9	1,148.46
Columbus av	Franklin av.	18th st	24	Brick	Egg.	1890	22.8	1,084.15
Delaware st	Oak st	Harvard st.	15	Pipe	Oval	1890	854.8	2,082.21
Eighth st N E	Third av	2nd av	20	Brick	Egg.	1890	414.0	1,254.49
Eighth st S E	Second av.	Central av.	12	Pipe	Oval	1890	406.2	1,027.15
Franklin av	Chicago av	Columbus av.	24	Brick	Egg.	1890	329.2	1,026.15
Fourth st N E	First av.	Central av.	12	Pipe	Oval	1891	391.2	1,288.84
Fifth st N. E.	Central av.	First av	24	Brick	Egg.	1890	36.3	1,764.88
Fifth st N E	Third av	Second av.	15	Pipe	Oval	1890	380.1	1,288.25
Fifth st N. E.	First av	Second av.	12	Pipe	Oval	1890	382.2	1,284.25
Fifth st S	Fifteenth av	16th av	24	Brick	Egg.	1890	402.5	1,289.71
Fifth st S	Sixteenth av	17th av	15	Pipe	Oval	1890	408.5	1,285.27
Fifteenth st	Spruce Place	Vine Place.	24	Brick	Egg.	1890	22.1	595.88
Fifth av S	24th st.	25th st	12	Pipe	Oval	1890	331.2	1,275.95
Fourteenth st	Vine Place	Nicollet av.	24	Brick	Egg.	1890	643.3	585.89
Fourteenth st	Spruce Place	Willow st.	12	Pipe	Oval	1890	22.5	329.88
Fourteenth st	Spruce Place	Vine Place.	12	Pipe	Oval	1890	22.4	549.25
14th av N E	Fifth st	Seventh st	20	Brick	Egg.	1890	812.0	4,294.95
14th av S. E	Seventh st.	Division st.	24	Brick	Egg.	1890	1,023.3	9,243.49
Girard av....	Plymouth av.	12th av. N.	24	Brick	E. & O.	1890	22.2	1,477.35
Groveland av	Hennepin av.	Hillside Pl	24	Brick	Egg.	1890	1,144.4	4,167.43
Highland av.	Lyndale av.	432 ft. E. of Lyndale av	24	Brick	Egg.	1890	23.9	840.22
Hennepin av	27th st.	28th st	24	Brick	Egg.	1890	406.1	3,340.15
Hennepin av	28th st	Lake st	15	Pipe	Oval	1890	549.7	2,514.88
Hennepin av	Lake st	31st st	12	Pipe	Oval	1890	1,179.3	1,780.51
James av....	Elwood av.	Alley blk. 14 & 15 Oak	15	Pipe	Oval	1891	645.8	357.24
Logan av	Crystal Lk av	Hillside av.	12	Pipe	Oval	1891	118.2	2,080.25
Lyndale av.	Third av N	Fifth av. N.	24	Brick	Egg.	1890	736.7	1,285.97
Lyndale av.	Sixth av. N.	Fifth av. N.	24	Brick	Egg.	1890	508.6	1,270.79
Lyndale av.	20th av N.	20th av N.	24	Brick	Egg.	1890	2,495.0	7,543.61
Lyndale av.	26th av. N.	29th av. N.	54	Brick	Egg.	1890	1,291.3	8,820.45
Laurel av.	Colfax av.	Lyndale av.	24	Brick	Egg.	1890	985.5	3,708.23
Laurel av	Lyndale av.	16th st	15	Pipe	Oval	1890	630.4	1,877.69
Laurel av....	Sixteenth st.	Hennepin av	12	Pipe	Oval	1890	615.0	1,494.75
Monroe st....	Spring st.	18th av. N E	24	Brick	Egg.	1890	1,548.1	10,982.75
Park av	26th st.	25th st	24	Brick	Egg.	1890	34.4	2,004.89
Park av	25th st.	27th st.	12	Pipe	Oval	1890	577.7	2,085.25
Park av	27th st.	28th st.	27	Brick	Egg.	1890	647.6	5,814.55
Park av	27th st.	30th st.	24	Brick	Egg.	1890	1,220.1	1,225.69
Park av	29th st.	Lake st.	12	Pipe	Oval	1890	570.8	2,085.65
Willsbury av.	27th st.	29th st	24	Brick	Egg.	1890	647.0	6,129.27
Portland av.	27th st.	29th st	24	Brick	Egg.	1890	1,349.4	1,782.21
Portland av.	29th st.	Lake st.	12	Pipe	Oval	1890	567.3	2,084.43
Pleasant av.	27th st.	28th st	24	Brick	Egg.	1890	646.5	2,082.70
Ridgewood av	Lyndale av.	Pleasant av.	15	Pipe	Oval	1890	982.1	2,082.70
Spruce pl....	Grant st	14th st	12	Pipe	Oval	1890	292.9	778.22
Spruce pl....	14th st	15th st	15	Pipe	Oval	1890	290.4	471.34
Spruce pl....	Yale place.	Harmon pl	12	Pipe	Oval	1890	196.4	1,205.43
17th st.	Chicago av	Park av	24	Brick	Egg.	1890	72.6	1,205.43
3d av S.	27th st	29th st	12	Pipe	Oval	1890	372.9	6,482.61
3d av S.	27th st	29th st	30	Brick	Egg.	1890	1,234.3	6,482.61

*From Seventh street to Ninth street in taxes of 1891.

TABLE No. 10. -Continued.

SEWERS CONSTRUCTED DURING THE SEASON OF 1891.

STREET	FROM	TO	Size - Inches	Kind	Shape	Year of lay	Length.	Cost
2d av S ..	20th st	33d st . . .	24	Brick	Egg	1800	2,523 3	8,108 00
7th st S E	14th av . . .	13th av . . .	24	Brick	Egg	1800	21 7	681 00
7th st S E	4th av . . .	5th av . . .	12	Pipe	Oval	1800	322 8	2,380 43
7th st S E	7th av . . .	285 ft. West	15	Pipe	Oval	1800	882 3	775 00
21st N . .	10th av . .	15th av . . .	30	Brick	Egg	1800	1,141 3	4,067 02
21st N . .	15th av . .	20th av . . .	24	Brick	Egg	1800	1,813 6	5,073 70
Stevens av	Franklin av	22d st . . .	12	Pipe	Oval	1800	602 7	1,563 02
Stevens av	24th st	22d st . . .	12	Pipe	Oval	1800	604 4	1,524 10
Stevens av	22d st . . .	33d st . . .	15	Pipe	Oval	1800	638 9	1,550 15
2d st N E	Central av	Broadway st	Tunnel			1801	4,550 0	10,608 73
2d st N E	10th av	22d av . . .	36	Brick	Egg	1801	1,454 2	7,540 73
2d st S E	22d av	25th av . .	33	Brick	Egg	1801	1,131 0	6,505 34
Thomas pl	Elwood av	Logan av . .	24	Brick	Egg	1801	47 7	2,508 38
4th av N shaft	Near 5th st		Shaft.			1801	525	1,106 07
4th av N . .	N Mpls Tunnel	6th st . . .	36	Brick	Egg	1801	611 3	3,603 02
4th av N . .	27th st	26th st . . .	24	Brick	Egg	1801	047 5	2,834 14
10th av N	5th st . . .	Bassett's c'k	12	Pipe	Oval	1800	301	961 40
10th av N	8th av . . .	Bassett's c'k	12	Pipe	Oval	1800	368 7	1,221 34
24th st	14th av S	15th av S	12	Pipe	Oval	1800	22 7	710 10
4th st	Chicago av	Columbs av	24	Brick	Egg	1801	27	821 54
4th st	Minnehaha av	23d av S . .	12	Pipe	Oval	1801	253 0	1,083 37
4th st	3d av S	23th av S . .	24	Brick	Egg	1800	637 6	2,898 07
10th av N E	Broadway st	9th av . . .	24	Brick	Egg	1800	427 6	2,890 37
10th av N E	9th av . . .	8th av . . .	15	Pipe	Oval	1800	395 3	2,257 00
10th av N E	8th av . . .	7th av . . .	12	Pipe	Oval	1800	354 0	2,003 76
Vine place	14th st	Grant st	24	Brick	Egg	1800	21 6	764 43
Vine place	15th st	14th st	15	Pipe	Oval	1800	361 9	624 04
Vine place	16th st	Franklin av	12	Pipe	Oval	1800	400 1	1,385 04
Vine place	13th st	12th st . . .	12	Pipe	Oval	1800	488 4	1,193 74
Vine place	Spruce pl	13th st . . .	15	Pipe	Oval	1800	391 2	1,188 00
Vine place	Willow st	Spruce pl	24	Brick	Egg	1890	352 7	1,051 20

LATERALS FOR WHICH NO ASSESSMENT IS MADE

STREET	FROM	TO	Size, Inches	Kind	Shape	L'gth.	Cost
5th st	Center of Hen. av	W'y House line	24	Brick	Egg	17 0	\$174.02
Dupont av	Henrietta av	22d street	12	Pipe	Oval	35 8	460.46
Dupont av	City House line	W'y H. L. on Hen. av	24	Brick	Egg	193 4	1,439.53
Grand av	Center Hen. av	W'y H. L. on Hen.	24	Brick	Egg	48 0	105.23
Front av	Center Hen. av	W'y H. L. on Hen.	12	Pipe	Oval	45 0	118.21
2d st	W. carbon Hen. av	E. carbon Hen. av	60	Brick	Egg	15 9	1,184.36
Franklin av	Center of Hen. av	W. H. L. of Hen. av	24	Brick	Egg	74 4	194.00
Lumber av	Center of Hen. av	W. H. L. of Hen. av	12	Pipe	Oval	61 1	86.88
Spruce pl	Center of Hen. av	W. H. L. of Hen. av	12	Pipe	Oval	61 3	97.08
Boyle av	Center of Hen. av	W. H. L. of Hen. av	12	Pipe	Oval	60 0	78.48
26th st	W. carbon Cedar av	E. carbon Cedar av	96	Brick	Egg	40 0	407.00

MISCELLANEOUS.

Watch basins on Dupont Av. at 4th, 5th and 6th Aves. N.	\$300 50
Test holes on Adams street and Monroe street	93 15
Drainage ponds at Western avenue and Dupont avenue	190 75
Drainage Hoag lake	1,210 51
4th street South tunnel, outfall extension.	314 58
Oil sewers	11,710 58
Sanitary vault in 1890	3,002 63
Sewer inspectors	5,402 48
Roads	440 28
Sanitary department inspection	1,039 93
Sewer water and house connection inspection	4,060 45
Disasters	27 08
Machinery	2,784 80
Engineers sewer department	14,250 88

Grand total miles, 13,708, feet. 72,381 3 \$349,906 55

SUMMARY OF TABLE NO. 10.

Size Inches.	Length Feet.
12.....	16,247.3
15.....	9,520.4
24.....	32,058.4
27.....	647.6
30.....	4,091.6
33.....	1,356.2
36.....	4,570.0
54.....	1,281.3
60.....	95.9
96.....	2,512.6
Total feet.....	72,381.3
Total miles.....	13.709

SUPPLEMENT.

HOUSE CONNECTION INSPECTION—SEWER AND WATER.

Number of sewer connections inspected.....	562
Number of water connections inspected.....	936
Number of water pipe extensions inspected.....	47
Number of repairs inspected.....	331
Total number of inspections.....	1,876
Number of square yards of cedar paving taken up.....	4,227
Number of square yards of granite paving taken up.	884
Amount paid city for inspection.....	\$3,581.23
Amount paid city for repaving.....	1,540.80
Cost of inspection, inspector's pay rolls.....	\$4,080.45
Net cost to city of inspection.....	499.12

TABLE No. 11.

ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1891

FROM—	TO.	Kind	Shape	Size	Length, feet	Amount of assessment	Estimated cost.
Plymouth av	14th av. N	Brick	Egg	24	386	\$850 95	\$1,473.98
Eighth av N	11th av. N	Brick	Egg	24	955	2,840 30	3,018 27
Plymouth av	18th av N	Brick	Egg	24	1,070	6,330 15	8,172.65
18th av N	30th av N	Pipe	Oval	12	604		
24th street	24th street	Brick	Egg	24	1,305	5,261 07	5,603 70
24th street	22nd street	Pipe	Oval	15	653		
14th street	15th street	Pipe	Oval	12	265	578 88	563 85
Franklin av	24th street	Brick	Egg	24	1,327	2,982.11	3,660.07
34th street	36th street	Pipe	Oval	15			
		Pipe	Oval	12	1,244	3,270 42	2,814.02
Lake street.	30th street	Brick	Egg	24	5,002	10,077 37	15,657 30
		Pipe	Oval	18			
Seventh st	Franklin av	Brick	Egg	24	1,312	2,003 38	3,802 49
		Pipe	Oval	12			
2nd st	34th street	Brick	Egg	36	7,052	17,742 48	25,212 18
		Pipe	Oval	24			
Lyndale av	17th street	Brick	Egg	24	285		
17th street	15th street	Pipe	Oval	15	720	3,721 30	3,742 05
15th street	12th street	Pipe	Oval	12	630		
Lyndale av	DuPont av	Pipe	Oval	15	1,029	2,552 55	2,512 04
Columbus av	Chicago av	Pipe	Oval	15	345	606 88	924 04
Harvard st	Oak street	Pipe	Oval	12	762	1,819 13	2,040 05
17th street	18th street	Brick	Egg	24	848		
18th street	19th street	Pipe	Oval	15	480	5,131 50	4,502 88
19th street	22nd street	Pipe	Oval	12	1,062		
22nd street	33rd street	Brick	Egg	24	659	1,765 50	2,068 51
24th avenue	21st av	Brick	Egg	24	403	744 00	1,131 41
Central av	First av	Pipe	Oval	12	301	849.00	2,025 00
14th avenue	15th av	Pipe	Oval	15	405		
14th avenue	13th av	Pipe	Oval	12	360	1,680 50	2,233 77
15th street	27th st	Brick	Egg	24	1,206	3,344 94	3,855 88
14th avenue	15th av	Brick	Egg	24	380	908 70	1,172 63
2nd avenue	3rd av	Pipe	Oval	15	401		
First avenue	2nd av	Pipe	Oval	12	360	1,683 00	2,127 47
Lyndale av	Hennepin av	Brick	Egg	42	313	475.50	1,603 17
Mt. Curve av	Franklin av.	Brick	Egg	24	1,513	3,350.25	3,922 95
Franklin av	27th st	Brick	Egg	30	3,568	8,171.55	9,889 56
27th street	28th st	Pipe	Oval	15	605		
28th street	Lake st	Pipe	Oval	12	1,124	6,830 33	7,500 00
Lake street	31st st	Pipe	Oval	15	643		
Elwood av	Alex in blk. 15						
Western av	Oak Park	Pipe	Oval	12	110	281 15	300 00
	5th av N	Pipe	Oval	15	637	1,181 40	2,703.25
Lyndale av	17th st	Pipe	Oval	15	274		
17th street	16th st	Pipe	Oval	12	320	1,350 00	1,770.12
Obes-tout av	Erie av	Brick	Egg	24	1,400	3,839 25	7,265.31
8th av N	Plymouth av	Brick	Egg	54	2,036		
Plymouth av	15th av N	Brick	Egg	54	702	11,580 08	31,920 25
15th av N	18th av N	Brick	Egg	42	1,182		
18th av N	20th av N	Brick	Egg	36	664		
3rd av N. E	Spring st	Brick	Egg	21	440	2,022 89	5,094 41
Portland av	Park av	Pipe	Oval	12	590	1,315 88	1,340 30
Yale Place	Harmon Place	Pipe	Oval	12	341	819 50	719 38
Central av	Broadway st	Tau'l			4,850	10,894 13	26,209 85
18th av	25th av	Brick	Egg	36	2,480	6,053 72	14,300 06
10th av	12th av	Brick	Egg	24	810	1,897 87	2,975 30

† Built in 1891 ‡ Built in 1891, partly

TABLE No. 11.—Continued.

SEWERS ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1891.

STREET—	FROM	TO.	Kind.	Shape.	Size, inches.	Length, feet.	Amount of assessment.	Estimated cost
17th street	Chicago av.	10th av. S.	Pipe	Oval	12	652	1,288 50	1,487.31
Third av. N.	N. Mpls. tun'l.	4th street	Pipe	Oval	15	259	807.68	3,126.86
*Third av. N.	N. Mpls. tun'l.	5th street	Brick	Egg	36	125		
3rd av. N. E.	5th street	Madison st.	Tun'l			600	1,256.36	6,000.00
3rd st. N.	10th av.	20th av.	Brick	Egg	36	824	602.96	896.70
12th av. N.	Wash. av.	W. line lot & blk 1, Case & Others Sub.	Pipe	Oval	12	274	481.55	705.13
12th av. S.	36th street	28th st.	Brick	Egg	24	1,300	2,832.82	3,819.03
13th av. N. E.	Marshall st.	Grand st.	Brick	Egg	24	401		
13th av. N. E.	Grand st.	Main st.	Pipe	Oval	12	230	1,611.75	2,188.65
22nd av. S.	Riverside av.	7th st.	Brick	Egg	24	875	601.25	1,207.89
22nd av. S.	Seventh st.	9th st.	Pipe	Oval	15	936	1,679.70	2,068.17
23rd street	14th av. S.	15th av. S.	Pipe	Oval	12	399	670.80	700.00
24th av. S.	26th street	25th st.	Brick	Egg	24	648	1,806.20	2,230.37
26th av. S.	26th street	25th st.	Brick	Egg	24	648	1,806.56	2,398.32
26th street	Minnehaha av.	27th av. S.	Brick	Cir	96	1,639	2,111.61	26,240.80
27th street	Lyndale av.	Aldrich av.	Brick	Egg	66	329		3,238.43
27th street	Aldrich av.	Hennepin av.	Brick	Cir	60	2,148	5,324.25	22,048.40
*Monroe st.	234 feet from Bd'w'y st. M. H.	18th av. N. E.	Brick	Egg	24	2,314		
17th st. S. E.	235 ft from 7th st. M. H.	5th av.	Pipe	Oval	15	360		10,073.88
			Brick	Egg	15	125		
			Pipe	Oval	12	358		1,297.65
Como av.	23rd av. S. E.	26th av. S. E.	Brick	Egg	24	1,149		5,556.08
*First av. S.	27th street	29th st.	Brick	Egg	30	1,332		
*First av. S.	29th street	32nd st.	Brick	Egg	24	1,865		12,634.25
Built previous to 1892.						32,604	\$75,809.70	\$122,334.24
Remaining to be built 1892						43,718	\$3,253.49	201,460.96
Grand Total						76,322	\$159,063.19	\$323,795.20

*Built in 1890. +Built in 1891 \$Left over from 1891.

SUMMARY OF TABLE No. 11.

KIND.	Shape.	Size, inches.	Estimated length, feet.
Pipe	Oval	12	7,552
Pipe	Oval	15	5,316
Brick	Egg	24	20,138
Brick	Egg	36	1,332
Brick	Egg	30	664
Brick	Egg	42	1,182
Brick	Egg	48	792
Brick	Egg	54	2,026
Brick	Egg	60	2,148
Brick	Egg	66	329
Brick	Egg	96	1,639
Brick and stone	Circular Tunnel		600
Total, 8.28 miles.			43,718

TABLE No. 12.
GRADING DONE BY CONTRACT IN 1891.

STREET.	FROM.	TO.	WARD.	Price per cubic yd.	Cubic yards.	Cost.	Name of Contractor
Stock Yards road.....	Broadway street.	Clty limits.....	9	.16	25,767	\$4,122.72	Gorman & Peterson.
Thirty-second av. N....	Penn avenue.....	Crystal lake avenue.....	10	.19	3,614	686.66	Canney Bros.
					29,381	\$4,809.38	

TABLE NO. 13.
SIDEWALKS LAID DURING THE SEASON OF 1891.

The whole cost of sidewalks is assessed to abutting property. Property owners are allowed to lay their own walks, subject to the inspection of this department. Men are employed and paid by the lineal foot to lay plank walks not laid by the owners. Stone walks laid by the city are laid by contract.

FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank laid walk by owners, feet.	Plank laid walk by city, feet.	Total length, feet.	Total cost.
4th st. N. E.....	13th av.....	18th av.....	West....	6	.....	.....	.....	1,371	1,371	
4th st. N. E.....	18th av.....	20th.....	Both....	6	.....	.....	.....	1,168	1,168	
5th st. N. E.....	1st av.....	2nd av.....	West....	6	132	.....	.....	.....	132	
Island av.....	North of G. N. Ry	.....	Inland..	6	1,756	100	.....	.....	1,856	
Marshall st.....	8th av. N. E.....	13th av. N. E.....	East....	6	1,392	334	.....	.....	1,726	
Marshall st.....	22d av. N. E.....	26th av. N. E.....	Both....	6	.....	.....	341	2,892	3,233	
2d st. N. E.....	13th av.....	25th av.....	Both....	6	.....	.....	267	2,528	2,795	
University av. N. E.....	Central av.....	5th av.....	Both....	6	76	.....	.....	.....	76	
University av. N. E.....	6th av.....	7th av.....	Both....	6	340	.....	.....	.....	340	
University av. N. E.....	18th av.....	20th av.....	Both....	6	.....	.....	.....	1,245	1,245	
					2,636	434	608	9,204	13,942	\$6,149.00

HECONID WARD.

[illegible]

TABLE NO. 13.—Continued.

THIRD WARD

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Bradford av.	7th av. N.	8th av. N.	West.	6	.....	.....	.....	60	60	
Crystal lake av.	Penn av.	24th av. N.	North.	6	.....	.....	902	170	972	
Emerson av.	6th av. N.	11th av. N.	West.	6	.....	.....	300	600	700	
8th av. N.	2d st.	3d st.	West.	6	.....	42	.....	.....	232	
8th av. N.	Emerson av.	Bryant av.	Both.	6	.....	.....	281	670	1,351	
11th av. N.	Girard av.	Knox av.	North.	6	.....	.....	.....	221	221	
Fremont av.	24th av. N.	26th av. N.	Both.	6	.....	.....	934	1,032	1,966	
4th st.	23d av. N.	26th av. N.	Both.	6	.....	.....	910	1,044	1,954	
5th st. N.	2d st.	3d st.	Both.	8	.....	178	.....	.....	176	
5th st. N.	9th av.	10th av.	West.	8	.....	.....	50	50	100	
5th st. N.	14th av.	15th av.	West.	6	.....	.....	.....	50	50	
Girard av.	18th av. N.	20th av. N.	Both.	6	.....	.....	50	673	727	
Girard av.	25th av. N.	30th av. N.	Both.	6	.....	.....	.....	531	531	
Illion av.	James av.	Crystal lake av.	East.	4	.....	.....	.....	254	254	
Irving av.	21st av.	22d av.	Both.	6	.....	.....	.....	634	634	
Logan av.	25th av. N.	26th av. N.	Both.	6	.....	.....	118	.....	734	
Morgan av.	Crystal lake av.	Hillside av.	South.	6	.....	.....	.....	616	544	
Morgan av.	10th av. N.	Plymouth av.	Both.	6	.....	.....	424	1,301	1,325	
Newton av.	10th av. N.	Crystal lake av.	Both.	6	.....	.....	.....	644	650	
Oak lake av.	Hillside av.	20th av. N.	Both.	6	.....	.....	61	.....	603	
Oliver av.	6th av. N.	7th av. N.	East.	6	.....	.....	.....	711	891	
Penn av.	31st av. N.	32d av. N.	Both.	6	.....	.....	180	.....	2,341	
Penn av.	6th av. N.	10th av. N.	Both.	6	.....	.....	.....	563	603	
Penn av.	17th av. N.	18th av. N.	West.	6	.....	.....	543	.....	3,308	
Plymouth av.	Washington av.	Crystal lake av.	Both.	12	.....	.....	.....	.....	331	
Plymouth av.	2d st.	3d st.	North.	12	.....	331	.....	.....	46	
Queen av.	15th av. N.	16th av. N.	Both.	6	.....	49	.....	.....	1,226	
Queen av.	150 ft. S. of 17th av. N.	16th av. N.	West.	6	.....	.....	.....	1,378	1,378	
Queen av.	124 ft. S. of 17th av. N.	16th av. N.	East.	6	.....	.....	.....	128	128	
Russell av.	6th av. N.	10th av.	Both.	6	.....	.....	.....	2,442	2,442	
6th av. N.	3d st.	4th st.	Both.	8	.....	.....	.....	.....	237	
6th av. N.	8th st.	Hogsv.	North.	8	.....	.....	.....	.....	118	
6th av. N.	Lyndale av.	Humboldt av.	North.	6	.....	54	.....	.....	2,016	
6th av. N.	Newton av.	Russell av.	North.	6	.....	.....	206	1,730	1,936	
6th st. N.	5th st.	Plymouth av.	Both.	6	.....	55	.....	110	146	

TABLE 13.—Continued.
FOURTH WARD.

STREET.	FROM—	TO—	SIDE.	Width feet.	Artificial stone walk laid by own- ers, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owner, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost.
14th st	Nicollet av	Spruce Place	Both...	6			174	174	348	
15th st	Nicollet av	Spruce Place	Both...	6	313			174	487	
15th st	Linden av	Hawthorn av	West...	6	176				176	
Girard av	Douglas av	Franklin av	West...	6	87		159		1,126	
Grant st	Nicollet av	Spruce Place	Both...	6				70	70	
Groveland av	Ridgewood av	Lyndale av	Both...	6				655	655	
Hennepin av	Spruce Place	Harmon Place	South...	6	187				187	
Humboldt av	Mt. Curve av	Douglas av	East...	6	220		144		373	
Laurel av	Bryant av	Dupont av	Both...	6				287	287	
Linden av	15th st	16th st	Both...	6	309				309	
Linden av	17th st	Lyndale av	Both...	6	250				250	
Lyndale av	Hawthorn av	Linden av	Both...	6	150			159	318	
Lyndale av	Ontario av	Erle av	West...	6				317	317	
Lyndale av	Lincoln av	Franklin av	West...	8				583	583	
Lyndale av	Groveland av	Franklin av	East...	8	506			830	1,426	
Nicollet av	Grant st	15th st	West...	8	266				266	
Penn av	5th av N	6th av N	West...	6				967	967	
Pleasant av	Ridgewood av	Franklin av	Both...	6				287	287	
Queen av	Kenwood boul	South line 4th ward	West...	6	962				962	
Ridgewood av	Pillsbury av	Lyndale av	Both...	6	2,957	100			3,057	
Sheridan av	Kenwood boul	Franklin av	West...	6	902				902	
6th av N	Bradford av	Oak Lake av	South...	6				105	105	
6th av N	Lyndale av	Colfax av	South...	6			134	58	192	
17th st	Laurel av	Erle av	Both...	6				280	280	
3d av N	Aldrich av	Colfax av	Both...	6				207	207	
Vine Place	Grant st	17th st	Both...	6	1,283	75			1,358	
					9,542	176	2,797	19,247	31,761	\$16,202.25

FIFTH WARD.

Chicago av	14th st	16th st	East...	6	159				159	
Chicago av	18th st	19th st	West...	6			99		99	
Clinton av	14th st	16th st	West...	6	185				185	
Clinton av	Franklin av	24th st	Both...	6				108	108	

СЪДЪЖАНИЕ

[illegible]

NIGHT WAR!

[illegible]

SEVENTH WARD.

[illegible]

EIGHTH WARD.

Aldrich av	Franklin av	22d st	West	6	.....	.....	.....	76
Bryant av	26th st	27th st	Both	6	.....	240	.....	365
Blaisdell av	31st st	32d st	West	8	.....	.....	.....	582
Chicago av	Lake st	34th st	West	6	.....	262	.....	1,416
Olinton av	24th st	25th st	East	6	.....	.....	.....	455
Olinton av	25th st	26th st	Both	6	.....	210	.....	270
Olinton av	28th st	Lake st	Both	6	.....	.....	.....	2,049
Olinton av	32d st	33d st	West	6	.....	.....	90	467
Columbus av	28th st	29th st	East	6	.....	.....	.....	468
1st av. S	25th st	26th st	West	6	.....	.....	.....	56
4th av. S	24th st	Lake st	East	6	.....	.....	413	359
5th av. S	24th st	25th st	East	6	.....	.....	50	237
5th av. S	25th st	26th st	West	6	.....	129	196	.....
Grand av	Lake st	31st st	West	6	.....	.....	.....	46

TABLE No. 13.—Continued.
EIGHTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank laid by owners, feet.	Plank laid by city, feet.	Total length, feet.	Total cost
Harriet av	25th st	26th st	East	6	151	.....	99	389	639	
Lake st	6th av. S	Chicago av	Both	8	.....	.....	.....	128	128	
Nicollet av	Franklin av	26th st	West	8	570	.....	.....	112	691	
Nicollet av	33d st	34th st	East	8	.....	.....	90	409	499	
Park av	24th st	32d st	Both	8	5,485	860	.....	.....	6,345	
Pleasant av	25th st	26th st	West	8	.....	.....	.....	175	175	
Pleasant av	26th st	27th st	West	6	.....	.....	.....	76	76	
Pleasant av	33d st	34th st	Both	8	.....	.....	.....	998	998	
Queen av	21st st	N. line 8th ward	West	6	271	.....	.....	.....	271	
Stevens av	26th st	27th st	West	6	500	.....	.....	.....	500	
Stevens av	28th st	29th st	Both	6	.....	.....	.....	324	324	
Stevens av	29th st	Lake st	Both	6	.....	.....	.....	776	776	
Stevens av	29th st	Lake st	West	6	.....	.....	.....	45	45	
Stevens av	24th st	25th st	West	6	56	.....	.....	.....	56	
2d av. S	25th st	26th st	West	6	.....	.....	.....	92	92	
6½ av. S	24th st	25th st	West	6	.....	.....	.....	40	40	
6½ av. S	27th st	28th st	West	6	.....	.....	87	469	556	
6½ av. S	31st st	34th st	Both	6	176	.....	.....	293	469	
24th st	Portland av	6½ av. S	South	8	.....	40	.....	.....	40	
27th st	Pillsbury av	Lyndale av	North	6	.....	.....	.....	984	984	
27th st	Pillsbury av	Garfield av	South	6	.....	.....	.....	1,021	1,021	
27th st	5th av. S	Chicago av	Both	6	.....	.....	134	391	525	
28th st	6th av. S	Chicago av	South	8	.....	.....	.....	47	47	
28th st	Dupont av	Hennepin av	North	8	.....	.....	.....	923	923	
29th st	Nicollet av	Pleasant av	Both	6	.....	.....	258	1,942	2,200	
29½ st	Nicollet av	Pleasant av	North	6	.....	.....	303	776	1,079	
31st st	Nicollet av	Blaisdell av	North	6	.....	.....	.....	363	363	
32d st	1st av. S	3d av. S	South	8	.....	.....	.....	275	275	
32d st	Portland av	Park av	North	8	.....	.....	.....	253	253	
32d st	Blaisdell av	Pillsbury av	Both	8	.....	.....	178	425	608	
32d st	Nicollet av	Pillsbury av	Both	6	30	.....	.....	786	766	
					8,079	1,096	2,818	19,311	31,304	\$13,442.82

REVIEWS

[illegible]

TENTH WARD.

Fremont av.	26th av. N.	27th av. N.	Both...	185	1,121	1,216
Pennav.	26th av. N.	26th av. N.	West...	1,005	2,977	3,663
Pennav.	26th av. N.	26th av. N.	East...	268	611	611
3d st. N.	26th av.	26th av.	Both...	2,151	2,323	2,323
26th av. N.	2d st.	Washington av.	South...	354	354	354
26th av. N.	2d st.	4th st.	Both...	686	1,815	2,013
26th av. N.	4th st.	Emerson av.	North...	2,046	2,046	2,046
3d st. N.	4th st.	Washington av.	North...	271	307	307
3d st. N.	2d st.	Washington av.	North...	271	344	315
3d st. N.	R. R.	Washington av.	South...	163	361	324
3d st. N.	Washington av.	Penn av.	North...	1,458	3,000	4,458
Washington av. N.	32d av.	24th av.	Both...	460	1,973	2,442
Washington av. N.	34th av.	26th av.	West...	538	1,216	589
				5,501	13,512	21,075
						\$4,980 39

TABLE No. 13.—Continued.
ELEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank laid by owners, feet.	Plank laid by city, feet.	Total length, feet.	Total cost.
Butler place.....	22nd av. S.....	23rd av. S.....	South.....	4	.....	.....	202	.....	202	
Cedar av.....	7th st.....	Franklin av.....	East.....	8	.....	.....	61	.....	61	
8th st. S.....	11th av.....	13th av.....	South.....	8	.....	.....	70	.....	70	
8th st. S.....	16th av.....	17th av.....	North.....	8	.....	.....	110	.....	110	
9th st. S.....	20th av.....	21st av.....	Both.....	8	.....	.....	179	.....	409	
19th st.....	17th av.....	R. R.....	Both.....	6	.....	.....	.....	220	220	
7th st. S.....	10th av.....	12th av.....	South.....	8	132	.....	.....	.....	132	
7th st. S.....	13th av.....	16th av.....	South.....	8	60	.....	.....	.....	60	
7th st. S.....	19th av.....	20th av.....	South.....	8	.....	.....	.....	.....	146	
7th st. S.....	Riverside av.....	22nd av.....	South.....	8	.....	.....	225	.....	100	
16th av. S.....	7th st.....	8th st.....	West.....	8	.....	.....	.....	.....	225	
20th av. S.....	7th st.....	Franklin av.....	Both.....	8	.....	.....	.....	113	113	
22nd st.....	18th av. S.....	Cedar av.....	North.....	8	.....	.....	143	.....	143	
24th av. S.....	Riverside av.....	Franklin av.....	West.....	8	.....	.....	.....	22	22	
					201		880	941	2,022	\$2,907.54

TWELFTH WARD.

41st av. S.....	52nd st.....	53rd st.....	West.....	6	617	.....	.....	.....	617	
53½ st.....	31st av.....	34th av.....	South.....	6	.....	.....	542	.....	542	
9th av. S.....	34th st.....	36th st.....	Both.....	6	.....	.....	.....	2,402	2,402	
10th av. S.....	34th st.....	38th st.....	Both.....	6	60	.....	824	213	1,097	
12th av. S.....	35th st.....	36th st.....	Both.....	8	.....	.....	.....	775	775	
34th av. S.....	40th st.....	54th st.....	West.....	6	.....	.....	830	1,120	1,950	
38th st.....	Chicago av.....	10th av. S.....	South.....	6	.....	.....	267	272	539	
					677		2,463	4,782	7,922	\$1,601.48

THIRTEENTH WARD.

Chicago av.....	35th st.....	36th st.....	West.....	6	.....	.....	.....	554	554	
Lyndale av.....	34th st.....	35th st.....	East.....	8	.....	.....	.....	613	613	
Portland av.....	34th st.....	39th st.....	East.....	8	.....	.....	1,321	1,760	3,081	
Portland av.....	37th st.....	39th st.....	West.....	8	.....	.....	.....	1,223	1,223	
34th st.....	Nicollet av.....	Chicago av.....	South.....	8	.....	.....	130	2,101	2,240	
							1,400	6,261	7,711	\$2,050.44

SUMMARY OF TABLE NO. 13.

WARD.	LENGTH.				Total cost.
	Artificial stone walk laid by owners	Artificial stone walk laid by city.	Plank walk laid by owners	Plank walk laid by city.	
	Feet.	Feet.	Feet.	Feet.	
First.....	2,636	434	608	9,204	\$6,149.00
Second.....	7,746	1,372	3,519	4,625	9,200.02
Third	2,138	195	8,956	35,231	17,280.67
Fourth.....	9,542	175	2,797	19,247	16,202.25
Fifth	2,848	66	1,010	4,068	10,190.60
Sixth.....	1,441	.....	3,954	6,353	8,310.54
Seventh.....	3,103	.....	3,449	9,324	4,135.06
Eighth.....	8,079	1,096	2,818	19,311	13,444.82
Ninth.....	9,746	208	9,196	22,869	13,517.97
Tenth.....	.....	.....	5,563	15,512	4,880.59
Eleventh.....	201	.....	880	941	2,907.54
Twelfth... ..	677	.....	2,463	4,782	1,601.48
Thirteenth.....	.....	.....	1,460	6,251	2,020.44
Totals.....	48,157	6,546	46,663	157,718	\$109,931.00

49.07 miles.

TABLE No. 14.
SIDEWALKS ORDERED FOR 1892.
FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	No of assessments.	Length assessed.		Amt. of assessment	
						Artificial stone Ft. 10ths.	Plank Ft. 10ths.	Artificial stone	Plank.
8th av. N. E.	River	2d st	Both.	6	1	2,794.3		81,678.54	
4th av. N. E.	1st st	University av.	South.	6	1	160		96.00	
4th st. N. E.	Broadway st	16th av.	West.	6	2	424.5		254.70	
4th st. N. E.	20th av.		Both.	6	4		2,872.5		6 680.40
5th st. N. E.	Main st.	University av.	Both.	6	5	1,440	5,278.9		1,294.02
5th st. N. E.	2d av.	4th av.	Both.	6	6	336.5		644.00	
14th av. N. E.	4th st.		West.	6	8		207.5	201.20	40.80
Island av.	5th st.	Bridge st.	Both.	6	8	841.9		505.14	
Main st. N. E.	5th av.	Broadway st	Inland	6	9	1,754.5		2,062.18	
Main st. N. E.	6th av.	Broadway st	West.	12	10	736.8		430.06	
Ramsey st.	6th av. N. E.		East.	11	11		1,716.5		411.06
2d st. N. E.	6th av. N. E.		Both.	8	12				
2d st. N. E.	6th av.	Broadway st	East.	8	13	3,165		1,900.60	
8th av. N. E.	Marshall st.	Broadway st	Both.	8	14				
8th av. N. E.	University av.	Main st.	South.	8	15		177		42.48
6th av. N. E.	4th st.	5th st.	North.	6	16		717		172.08
7th av. N. E.	Marshall st.		South.	6	17		358		85.02
7th av. N. E.	Main st.	University av.	Both.	6	18	1,250	1,408.1		337.04
13th av. N. E.	Marshall st.		Both.	6	19		346	755.40	
22d av. N. E.	Marshall st.	Main st.	South.	6	20		2,437.9		58.04
23d av. N. E.	Marshall st.	5th st.	Both.	6	21		4,847.5		1,183.42
University av. N. E.	1st av.	2d av.	East.	6	22	162		97.20	
University av. N. E.	5th av.	Broadway st	East.	6	23	1,188.5		713.10	
					24	14,282.0	30,394.9	\$0,580.68	4,388.04

*All built.

TABLE No. 14.—Continued.
SECOND WARD.

STREET.	FROM	TO—	SIDE	Width, feet.	No. of assessed lots.	Length measured.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
2d av S. E.	2d st	University av	East.	6	47	365	...	319.00	...
10th av S. E.	University av	4th st.	East.	6	44	370	...	222.10	...
12th av S. E.	8th st.	University av	East.	6	48	445.7	...	387.12	...
12th av S. E.	University av	4th st.	East.	6	50	565	...	383.00	...
12th av S. E.	7th st.	4th st.	Both.	6	51	...	154.5	...	133.07
University av	2d av	3d av	South.	6	52	365	...	219.00	...
University av	2d av	4th av	South.	6	53	...	...	...	...
University av	5th st.	4th st.	North.	6	54	216	...	120.80	...
University av	6th st.	9th av	North.	6	55	85	...	51.60	...
University av	8th av	9th av	North.	6	56	...	358	...	45.02
University av	10th av	15th av	North.	6	57	...	640	...	182.54
University av	16th av	18th av	North.	6	58	...	1,415.7	...	336.75
University av	Malcolm av.	City limits.	North.	6	59	17,191.4	8,848.5	\$10,314.24	\$2,100.20

*All built.

THIRD WARD.

Aldrich av., in front of	Lot 30 and S. 5 ft. of Lot 31.	Blk. 7, Menager's 4th addition.	...	6	1	...	35	...	8.40
Aldrich av.	6th av N. Lot 14, Blk. 5, Menager's 4th addition.	11th av N.	West.	6	2	...	305.5	...	65.23
Aldrich av.	8th av N.	11th av N.	West.	6	3	...	912.4	...	210.02
Aldrich av.	11th av N. opp. Blk. 1, Jewett's addition.	20th av N.	East.	6	4	...	458.5	...	110.14
Aldrich av.	22d av N.	20th av N.	Both.	6	5	...	2,680.6	...	658.50
Racquet place.	6th av N. Lot 14, Blk. 5, Menager's 4th addition.	8th av N.	East.	6	6	...	385.5	...	65.32
Bradford av.	7th av N.	8th av N.	East.	6	7	...	368.5	...	62.04
Bryant av.	In front of Lot 4, Blk. 35, Sherburne & Beebe's addition.	2d Sherburne & Beebe's addition.	East.	6	8	...	64.5	...	15.42
Dumont av.	In front of Lot 5 and 6, Blk. 35, Sherburne & Beebe's addition.	2d Sherburne & Beebe's addition.	East.	6	9	...	...	...	...

THIRD WARD

4th st	3d av	12th av	Both	8	15	122 4	4,688 0	71 46	1,415 06
4th st	Plymouth av	24th av	West	0	16		1,101 1		254 25
4th st	14th av	30th av	Both	0	20		888 4		167 02
5th st	20 st	30th st	Both	8	21	2,191 0		1,913 82	
5th st	In front of Lot 1 Blk 3	Bridge over 4th av	Both	15	23	147	40	21 16	11 20
5th st	4d av	14th av	Both	0	24		2,145		386 28
5th st	Bridge over 4th av	14th av	Both	0	25		1,375 7		386 01
14th av	30th st	4th st	South	0	26		1,997	188 70	424 02
14th av	Dupont av	James av	Both	0	27	114 5	755 7	172 20	181 37
14th av	20 st	Washington av	North	0	28	287	356		85 44
15th av	Washington av	3d st	North	0	30				
15th av	Washington av	4th st	Both	0	31	629		503 20	
15th av	3d st	14th av	West	0	32				
15th av	Plymouth av	24th av	West	0	33		558		131 44
15th av	21st av	24th av	West	0	34		324 3		70 99
15th av	6th av	Gale & 2d addition	East	0	35		1,404		251 86
15th av	James av	Crystal lake av	East	0	36		880 8		201 40
15th av	Hillside av	24th av	East	4	37		207		34 46
15th av	Plymouth av	10th av	Both	0	38		1,820 3		217 22
15th av	22d av	Crystal lake av	Both	0	39		475 1		431 26
15th av	In front of Lot 1, Blk 15	25th av	East	0	40		1,116 9		114 02
15th av	S. line Blk 3 Crepon's 3d	Forest Heights	East	0	42		103 3		116 06
15th av	10th av	Crystal lake av	East	0	43		820 9		24 70
15th av	24th av	20th av	East	0	44		219 5		213 82
15th av	6th av	8th av	West	0	45		375 2		52 08
15th av	Hillside av	21st av	Both	0	46		1,425		342 00
15th av	10th av	25th av	Both	0	47		800 1		406
15th av	10th av	21st av	West	0	48		353 1		139 04
15th av	6th av	21st av	East	0	49		814 2		106 64
15th av	Gard av	James av	North	0	50		796 2		101 11
15th av	Morgan av	Penn av	South	0	51		803 8		207 30
15th av	Penn av	Thomas av	East	0	52		1,222 0		293 56
15th av	Penn av	Plymouth av	West	0	53		2443		586 40
15th av	Penn av	19th av	South	10	55	108 5		108 50	
15th av	4th st to 100 feet towards 5th	street	South	0	56		2587 1		620 05
15th av	Handel av	Penn av	S'y	0	57		2474 4		593 05
15th av	Crystal lake av	City limits	Both	0	58		608 2		145 06
15th av	8th av to N. line A. C. Lorin	g's addition	West	0	59		914 4		219 45
15th av	S. line block 5, East Lawn	addition to 19th av	East	0	60		503 8		112 51
15th av	17th av	10th av	South	0	61	615			
15th av	3d av	14th av	Both	8	62	889		412 00	
15th av	Plymouth av	14th av	Both	8	62			546 80	

TABLE NO. 14.—Continued.
THIRD WARD.

STREET.	FROM—	TO	SIDE.	No of bases— front roll	Length assessed.		Amt. of assessment.	
					Artificial stone, Ft 10ths	Plank Ft 10ths	Artificial stone	Plank
3d st N	14th av.	22d av.	Both	8	712	4796	500 00	1942 80
6th av N	2d st.	Wash av.	Both	8	450	.....	260 00	.....
6th av N	4th st.	5th st.	Both	8	64 6	.....	38 76	.....
6th st N	15th av	16th av.	Both	0	.....	636	.....	167 04
7th av.	22d av.	24th st.	Both	6	176	.....	105 00	.....
7th av.	In front of lot 10, block 30.	Minneapolis	Both	6	727 9	.....	435 74	.....
7th av.	Wash av.	3d st.	Both	6	.....	791	.....	189 74
7th av.	6th st.	4th st.	Both	6	.....	562 3	.....	182 83
7th av.	Hoag av.	Hoag av.	South	6	.....	891 1	.....	144 22
16th av	1st st.	2d st.	North	6	.....	350	.....	94 00
16th av	Wash av.	Oak lake av	North	6	.....	601	.....	165 64
16th av	5th st.	6th st.	Both	6	.....	273	.....	65 32
17th av N	5th st.	6th st.	Both	6	.....	1,000 4	.....	291 06
3rd st N	Penn av.	Russell av.	West	12	50 4	.....	69 31	.....
3rd st N	3d st.	4th st.	Both	7	55	.....	24 00	.....
3rd st N	In front of lot 8, blk	Moore's addition.	Both	7	376 5	.....	524 23	.....
3rd st N	3d av	Boz over 4th av.	Both	15	1,081	.....	181 00	.....
3rd st N	Boz over 4th av	6th av	Both	8	.....	.....	.....	.....
3rd st N	12th av.	Plymouth av	East	4	.....	609 2	.....	167 78
12th av N	12th av.	16th av.	Both	4	.....	.....	622 80	.....
12th av N	Washington av.	4th st.	North	6	948 5	.....	.....	167 71
12th av N	4th st.	Lyndale av	South	6	189 8	.....	81 28	.....
12th av N	6th st.	Lyndale av.	North	6	.....	.....	.....	.....
12th av N	In front of lot 5, blk 3.	Gale's 2nd addition.	North	4	.....	166 5	.....	30 16
20th av N	In front of lot 5 and 6, blk.	58 Minneapolis	North	38	126	.....	218 75	.....
20th av N	Washington av	Lyndale av.	North	.....	1,305 3	.....	723 18	.....
20th av N	4 blk 18, Minneapolis	.....	North	4	.....	178 5	.....	42 36
21st av N	Lyndale av	Aldrich av	North	6	.....	532 8	.....	177 68
21st av N	Oliver av	Penn av	Both	6	.....	.....	.....	.....
22nd av N	Lyndale av.	Aldrich av	North	6	.....	260 9	.....	75 48
22nd av N	Girard av.	Irving av	South	6	.....	327 8	.....	78 87
22nd av N	Irving av.	Ilion av	Both	6	.....	1,815 5	.....	436 72
22nd av N	Lyndale av	Aldrich av	North	6	.....	227	.....	78 43
23rd av N	Irving av	Dupont av.	North	6	.....	1,361 2	.....	267 04

SIDEWALKS ORDERED FOR THE YEAR 1922.
FOURTH WARD.

STREET.	FROM	TO—	SIDE.	Width, feet.	No. of users— in feet.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Hawthorn av.	1st av. N.	10th st.	Both.	6	24	277 5	...	166 50	...
Hawthorn av.	15th st.	12th st.	East.	5	25	...	...	...	140 16
Hawthorn av.	Bryant av.	Colfax av.	Both.	5	26	...	584	...	...
Holden st.	10th st.	12th st.	South.	5	27	628	...	376 80	100 27
Humboldt av.	Douglas av.	Mt. Curve av.	West.	5	28	...	417 8	...	134 09
Irving av.	Mt. Curve av.	Douglas av.	West.	5	29	...	517	...	124 04
Knox av.	Mt. Curve av.	Douglas av.	East.	5	30	...	517	...	533 36
Laurel av.	Railroad.	Cedar Lake road	South.	5	31	...	2,222 3	...	164 04
Lincoln av.	Hennepin av.	DuPont av.	North.	5	32	...	653 5	...	...
Lincoln av.	1 and 2, b 29, Wilson, Bell & Co.	Wagner's addition.	North.	5	33	108 5	...	65 10	...
Lincoln av.	Hennepin av.	Lyndale av.	Both.	5	34	...	943 4	...	302 41
Lyndale av.	Western av.	5th av. N.	East.	5	35	...	1,076 9	...	258 48
Lyndale av.	14, b 22, Wells, S. & R's	Hennepin av.	Both.	5	36	...	2,082 1	...	404 30
Mary place, in front of	14, b 22, Wells, S. & R's	Hennepin av.	Both.	5	37	180	...	108 00	...
Mt. Curve av.	Fremont av.	addition	Both.	5	38	483 1	...	271 26	277 13
Mt. Curve av.	Humboldt av.	Kenwood boul.	North.	5	39	...	1,226	...	294 34
Mt. Curve av.	Logan av.	addition.	North.	5	40	...	100	...	45 60
Nicollet av., in front of	1, 7, b 27, Suyder & Co's lot	addition.	West.	5	41	185	...	148 00	...
Nicollet av., in front of	1, 2, b 5, J. S. Johnson's ad	B's addition.	West.	5	42	86	...	62 60	...
9th st., in front of 1, 12, 13	and 14, b 22, Wells, S. & R's	addition.	West.	5	43	107	...	64 30	...
9th st.	1st av. S.	Western av.	Both.	5	44	273	...	163 60	...
9th st.	7th st.	Western av.	West.	5	45	...	...	...	...
Ridgewood av., in front of	of 1, 2, 4, 5 and 6, b 4, Ridge-	wood addition	West.	5	46	335 9	...	105 34	...
Sheridan av.	Kenwood boul.	4th ward line	East.	5	47	716 2	...	439 72	...
Shrue place	14th st.	Oak Grove st.	Both.	5	48	783 3	...	480 96	...
Summit av.	Hennepin av.	Lyndale ave.	South.	5	49	...	140	...	35 78
2d av. N., in front of 1, 2,	b 60, Hoag's addition	7th st.	Both.	5	50	179	...	143 20	...
2d av. N.	6th st.	Hong av.	East.	5	51	...	...	234 44	...
6th av. N.	6th st.	Oak Lake av.	South.	5	52	350	...	210 00	...
6th av. N.	Hong av.	Lyndale av.	South.	5	53	...	...	...	...
6th av. N.	Royalston av.	DuPont av.	South.	5	54	300	...	160 00	...
6th av. N.	Colfax av.	1st av. N.	South.	5	55	...	212	...	50 68
7th st., in front of 1, 2,	Nicollet av.	...	South.	5	56	90	...	73 30	...

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7th st	In front of front	66' of l 1 b 2, Hong & Bell's	addition	North	8 58	61	8 18 80
16th st	in front of l 1, b	Hendon av	Laurel av	East	6	432 5	256 50
17th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	West	6	136 5	165 10
18th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	6	434	380 40
19th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	62	44 06
20th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	55	185 10
21st st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	63	160 84
22nd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	64	122 70
23rd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	65	472 10
24th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	66	175 08
25th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	67	170 40
26th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	68	75 00
27th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	69	85 00
28th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	12	71	300 00
29th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	6	72	133 50
30th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	6	73	313 50
31st st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	74	306 00
32nd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	75	304 98
33rd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	76	84 48
34th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	77	84 48
35th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	78	84 48
36th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	79	84 48
37th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	80	84 48
38th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	81	84 48
39th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	82	84 48
40th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	83	84 48
41st st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	84	84 48
42nd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	85	84 48
43rd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	86	84 48
44th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	87	84 48
45th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	88	84 48
46th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	89	84 48
47th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	90	84 48
48th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	91	84 48
49th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	92	84 48
50th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	93	84 48
51st st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	94	84 48
52nd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	95	84 48
53rd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	96	84 48
54th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	97	84 48
55th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	98	84 48
56th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	99	84 48
57th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	100	84 48
58th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	101	84 48
59th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	102	84 48
60th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	103	84 48
61st st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	104	84 48
62nd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East	8	105	84 48
63rd st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	Both	8	106	84 48
64th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	North	8	107	84 48
65th st	in front of l 1, b	14 Wilson R & Wagner's	Laurel av	East</			

FIFTH WARD.

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• All Ball

TABLE NO. 14.—Continued:
FIFTH WARD.

STREET.	FROM	To—	SIDE.	Width, feet.	No. of assessments.	Length assessed		Amt of assessment.	
						Artificial stone Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
1st av. S.	Grant st.	14th st.	East	6	21	.....	166.5	.....	\$38.04
1st av. S.	14th st.	15th st.	Both.	6	22	.....	256	.....	61.30
4th av. S.	11th st.	Grant st.	East	6	23	.....	217 "	.....	52.13
4th av. S.	14th st.	16th st.	East	6	34	.....	100	.....	24.09
4th av. S.	17th st.	18th st.	Both.	6	25	.....	984	.....	236.16
4th av. S.	8th st.	9th st.	South.	6	26	.....	.....	.....	.....
5th av. S.	8th st.	9th st.	East.	6	27	170	.....	\$124.00	.....
5th av. S.	10th st.	11th st.	East.	6	28	106	.....	116.00	.....
5th av. S.	11th st.	Grant st.	West.	6	29	.....	123	.....	31.44
5th av. S.	Grant st.	14th st.	East.	6	30	.....	46.5	.....	20.78
5th av. S.	14th st.	15th st.	West.	6	31	.....	367	.....	64.08
5th av. S.	10th st.	Franklin av.	East.	6	32	217	.....	190.50	.....
5th av. S.	22nd st.	24th st.	East.	6	33	.....	300.1	.....	72.02
5th av. S.	3rd av.	4th av.	East.	6	34	86	.....	12.80	.....
5th av. S.	7th av.	8th av.	South.	6	35	369	.....	357.30	.....
14th st.	Nicollet av.	Stevens av.	North.	6	36	.....	344	.....	56.16
14th st.	Nicollet av.	2nd av. S.	South.	6	37	.....	142	.....	56.56
14th st.	3rd av. S.	Clinton av.	South.	6	38	.....	137.5	.....	24.08
14th st.	4th av. S.	5th av. S.	South.	6	39	.....	400.8	.....	34.09
14th st.	Portland av.	Park av.	South.	6	40	.....	600.3	.....	66.10
14th st.	Park av.	Chicago av.	South.	6	41	.....	302.7	.....	166.24
14th st.	Nicollet av.	1st av. S.	North.	6	42	.....	.....	.....	72.64
14th st.	1st av. S.	Stevens av.	South.	6	43	.....	.....	.....	.....
14th st.	5th av. S.	6th av. S.	South.	6	44	.....	57.6	.....	13.82
Grant st.	Stevens av.	2nd av. S.	South.	6	45	.....	277	.....	66.48
Grant st.	2nd av. S.	3rd av. S.	South.	6	46	.....	40	.....	31.00
Grant st.	4th av. S.	5th av. S.	North.	6	47	.....	270.4	.....	97.08
Grant st.	6th av. S.	7th av. S.	North.	6	48	.....	30	.....	14.08
Nicollet av.	Grant st.	14th st.	East.	6	49	.....	416	.....	116.48
Nicollet av.	14th st.	20th st.	West.	6	50	.....	240	.....	61.30
2nd av. S.	14th st.	5th st.	East.	6	51	.....	443	.....	106.83
5th av. S.	17th st.	18th st.	West.	6	52	.....	706.3	.....	190.87
5th av. S.	18th st.	Franklin av.	West.	6	53	.....	.....	.....	.....
5th av. S.	rear 1/2 lot 8 block 112.	Minneapolis.	West.	6	54	.....	.....	.....	.....

FIFTH WARD

9th st. S.	1st av.	2nd av.	Both.	55	189	721	\$150.20	\$70.44
9th st. S.	Chicago av.	9th av. S.	South.	56	...	...	...	12.00
10th st.	Nicollet av.	1st av. S.	South.	57	...	50	...	66.72
10th st.	Stevens av.	10th av. S.	North.	58	...	278	...	160.84
10th st.	Chicago av.	10th av. S.	North.	59	...	238.8	...	181.82
Stevens av.	14th st.	10th st.	Both.	60	...	548	...	...
Stevens av.	15th st.	17th st.	East.	61	...	...	...	101.76
Stevens av.	15th st.	20th st.	East.	62	...	...	...	...
2nd av. S.	5th st.	16th st.	East.	63	...	494	...	...
2nd av. S.	Grant st.	16th st.	East.	64	...	...	...	12.00
2nd st. S.	4th av.	3rd av.	North.	65	...	50	...	...
2nd st. S.	2nd av.	3rd av.	North.	66	...	...	117.80	...
8th st. S.	3rd av.	4th av.	South.	67	...	316	...	...
8th st. S.	4th av.	4th av.	South.	68	...	318	...	174.40
8th st. S.	6th av.	7th av.	North.	69	...	81	...	64.80
8th st. S.	6th av.	7th av.	North.	70	...	24	...	19.20
8th st. S.	6th av.	8th av.	North.	71	...	300	...	298.00
9th av. S.	Franklin av.	22nd st.	East.	72	...	216	...	51.84
9th av. S.	Franklin av.	24th st.	East.	73	...	587	...	133.08
7th av. S.	1st st.	9th st.	West.	74	...	...	400.00	...
16th st.	1st av. S.	Stevens av.	East.	75	...	500	...	...
16th st.	Stevens av.	2nd av. S.	South.	76	...	...	...	11.43
16th st.	3rd av. S.	Clinton av.	South.	77	...	61.3	...	22.52
16th st.	Park av.	Park av.	Both.	78	...	185.5	...	79.08
16th st.	Nicollet av.	Chicago av.	Both.	79	...	323	...	37.44
17th st.	Stevens av.	1st av. S.	South.	80	...	156	...	33.50
17th st.	Stevens av.	2nd av. S.	North.	81	...	140	...	34.59
17th st.	10th av. S.	10th av. S.	South.	82	...	144.1	...	19.00
3rd av. S.	10th av. S.	11th st.	East.	83	...	50	...	...
3rd av. S.	11th st.	Grant st.	East.	84	...	143	...	40.04
3rd av. S.	11th st.	24th st.	East.	85	...	168	...	40.82
3rd av. S.	Franklin av.	5th st.	West.	86	...	159	...	16.52
10th av. S.	18th st.	19th st.	West.	87	...	120	...	30.34
10th av. S.	22nd st.	24th st.	West.	88	...	124.7	...	20.53
10th st. S.	3rd av.	4th av.	South.	89	...	165	...	...
21 st.	9th av. S.	10th av. S.	Both.	90	...	...	123.00	77.64
22nd st.	Clinton av.	4th av. S.	South.	91	...	323.5	...	40.18
22nd st.	5th av. S.	Portland av.	South.	92	...	143.6	...	80.22
24th st.	Chicago av.	9th av. S.	South.	93	...	296.5	...	37.52
Wash. av. S.	Chicago av.	10th av. S.	North.	94	...	188	...	162.54
Wash. av. S.	7th av.	10th av.	North.	95	...	580.5	...	...
Wash. av. S.	8th av.	9th av.	South.	96	...	385.9	...	1,065.83
All built.				15	4,215.9	19,787.6	23,856.73	\$4,649.69

TABLE NO. 14—(Continued).
SIXTH WARD.

STREET.	FROM—	TO—	SIDE.	Width.	No. of assess- ment (Vol.).	Length assessed		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Cedar av.	Washington av.	3d st.	Both.	15	1	656		8831 21	
11th av. S.	Washington av.	24 st.	Both.	15	2	140		248 08	
11th av. S.	Washington av.	3d st.	West.	8	3	65		52 00	
1st st. S.	Washington av.	3d st.	East.	8	4	65		52 00	
1st st. S.	12th av.	14th av.	Both.	8	5		212		889 83
4th st. S.	In front of Lot 2, Blk. 6, Han-	cock & Rice's addition.		8	6		40		16 00
4th st. S.	14th av.	16th av.	North.	8	7		100		44 00
4th st. S.	Riverside av.	19th av.	South.	8	8		121		83 88
4th st. S.	91st av.	22d av.	North.	8	9				
4th st. S.	In front of Lot 7 and 8, Blk.	4 Atwater's addition	North.	8	10		124		34 72
5th st. S.	10th av.	11th av.	Both.	8	11		82		17 36
5th st. S.	12th av.	13th av.	Both.	8	12		155		46 30
5th st. S.	10th av.	13th av.	Both.	8	13		947 1		181 14
5th st. S.	10th av.	Cedar av.	Both.	8	14		280		80 92
5th st. S.	10th av.	22d av.	North.	8	15		144		40 22
14th av. S.	3d st.	7th st.	East.	8	16		339		68 52
14th av. S.	8th st.	5th st.	East.	8	17		380		100 53
15th av. S.	4th st.	5th st.	Both.	8	18		212		59 36
15th av. S.	In front of rear 37 ft. Lot 1,	Blk. 16, Atwater's addition.	South.	8	19				
16th st. S.	22d av. S. to north-easterly	line, Atwater's 8d addition.	East.	8	20				
16th av. S.	Bluff st.	1st st.	East.	8	21		74		17 76
16th av. S.	Washington av.	2d st.	East.	8	22		308		86 34
16th av. S.	Riverside av.	6th st.	East.	12	23		80		12 06
16th av. S.	In front of Lot 8 and 9, Blk	2, Hancock & Rice's add	Both.	8	24		190		40 40
16th av. S.	Rear 40 ft. of Lot 6, Blk. 170,	Minneapolis	Both.	8	25		718 8		201 26
Riverside av.	Cedar av.	7th st.	Both.	8	26		127 4		85 67
2d st. S.	10th av.	11th av.	Both.	14	27		40		11 36
2d st. S.	12th av.	13th av.	Both.	14	28	102	1,179.6	225 20	507 32
2d st. S.	12th av.	13th av.	Both.	14	29		716		200 48
2d st. S.	19th av.	20th av.	Both.	8	30		369		100 24
2d st. S.	In front of Lot 1, Blk. 6, Han-	cock & Rice's addition	North.	12	31		60		27 00
6th st. S.	11th av.	12th av.	North.	8	32		248		69 44
6th st. S.	16th av.	17th av.	Both.	8	33		140		100 20

*All built.

TABLE NO. 14.—Continued.
SEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet	No of assess-ment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths	Plank, Ft. 10ths	Artificial stone.	Plank
16th av S	27th st.	36th st.	Both.	6	10	..	660 7	..	8215 04
17th av S	In front of L. I. B. 3.	Gilpatrick's add.	Both.	8	11	..	154	..	48 12
18th av S	24th st.	26th st.	Both.	8	12	..	1,390 4	..	280 28
19th av S	24th st.	27th st.	Both.	8	13	..	3,626 5	..	872 80
20th av S	37th st.	38th st.	West.	8	14	..	612 4	..	146 08
21st av S	In front of L. 1, 2 and 3, B 3.	Gilpatrick's add.	Both.	8	15	..	160 6	..	47 34
22nd st.	17th av S.	Cedar av.	Both.	8	16	..	1,101 2	..	306 34
23rd st.	14th av S.	16th av S.	Both.	8	17	..	1,067 2	..	460 01
24th st.	18th av S.	Cedar av.	Both.	8	18	..	538 4	..	150 74
25th st.	12th av S.	Hiawatha av.	North.	8	19	..	1,002 4	..	280 67
26th st.	Cedar av.	14th av S.	Both.	8	20	..	1,098	..	261 12
27th st.	17th av S.	Cedar av.	Both.	8	21	..	1,070 7	..	270 12
28th st.	Chicago av.	10th av S.	Both.	8	22	..	1,086 8	..	280 56
29th st.	Chicago av.	10th av S.	Both.	8	23	..	835	..	232 70
30th st.	Bloomington av	21th av S.	North.	8	24	..	1,470 5	..	411 70
31th st.					25	..	34,708 0	..	86,500 81

EIGHTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet	No of assess-ment roll.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths	Plank, Ft. 10ths	Artificial stone.	Plank
Aldrich av.	29th st.	Lake st.	Both.	8	1	..	..	..	\$162 34
Blaisdell av.	24th st.	26th st.	West.	8	2	..	..	..	143 02
Bryant av.	22d st.	23rd st.	West.	8	3	..	..	..	124 56
Clinton av.	27th st.	28th st.	East.	8	4	..	..	..	33 12
Columbus av.	In front of lots 4, 5 and 7.	Block 10, Galpin's addition.	East.	8	5	..	..	..	290 64
Dumont av.	26th st.	Lake st.	East.	8	6	..	..	..	138 48
Dupont av.	26th st.	Lake st.	West.	8	7	..	..	..	144 70
Franklin av.	26th st.	Hiawatha av.	East.	8	8	..	..	..	290 71
Fremont av.	Nicollet av.	Hiawatha av.	South.	8	9	..	..	..	..
5th av S.	28th st.	Blaisdell av.	West.	8	10	..	..	..	..
6th av S.	27th st.	H. & D. R. R.	West.	8	11	..	..	..	..
7th av S.	26th st.	28th st.	Both.	8	12	..	..	..	..
8th av S.	25d st.	26th st.	Both.	8	13	..	..	..	..
9th av S.	In front of lot 4, block 2.	Beede's add.	Both.	8	14	..	..	..	..

THEY ARE ALL THE SAME

[illegible]

FOR THE WAR,

[illegible]

• All built

TABLE NO. 13.—Continued.
ELEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank laid by owners, feet.	Plank laid by city, feet.	Total length, feet.	Total cost.
Butler place.....	22nd av. S.....	23rd av. S.....	South..	4	.....	.....	.....	.....	202	
Cedar av.....	7th st.....	Franklin av.....	East...	8	.....	.....	.....	.....	61	
8th st. S.....	11th av.....	13th av.....	South...	8	.....	.....	.....	.....	70	
8th st. S.....	16th av.....	17th av.....	North..	8	.....	.....	.....	110	110	
9th st. S.....	20th av.....	21st av.....	Both...	8	.....	.....	.....	230	409	
19th st.....	17th av.....	R. R.....	Both...	6	.....	.....	.....	220	220	
7th st. S.....	10th av.....	12th av.....	South..	8	132	.....	.....	.....	132	
7th st. S.....	13th av.....	16th av.....	South..	8	60	.....	.....	.....	60	
7th st. S.....	19th av.....	20th av.....	South..	8	.....	.....	.....	146	146	
7th st. S.....	Riverside av.....	22nd av.....	South..	8	.....	.....	.....	100	100	
16th av. S.....	7th st.....	8th st.....	West...	8	.....	.....	.....	.....	225	
20th av. S.....	7th st.....	Franklin av.....	Both...	8	.....	.....	.....	.....	113	
22nd st.....	18th av. S.....	Cedar av.....	North..	8	.....	.....	.....	.....	143	
24th av. S.....	Riverside av.....	Franklin av.....	West...	8	.....	.....	.....	.....	22	
					201			941	2,022	\$2,907.54

TWELFTH WARD.

41st av. S.....	52nd st.....	53rd st.....	West...	6	617	.....	.....	.....	617	
53½ st.....	31st av.....	34th av.....	South..	6	.....	.....	.....	.....	542	
9th av. S.....	34th st.....	36th st.....	Both...	6	.....	.....	.....	.....	2,402	
10th av. S.....	34th st.....	39th st.....	Both...	6	60	.....	.....	.....	213	
12th av. S.....	35th st.....	36th st.....	Both...	8	.....	.....	.....	.....	775	
24th av. S.....	49th st.....	54th st.....	West...	6	.....	.....	.....	.....	1,950	
36th st.....	Chicago av.....	10th av. S.....	South..	6	.....	.....	.....	.....	539	
					677		2,463	4,782	7,922	\$1,001.48

THIRTEENTH WARD.

Chicago av.....	35th st.....	36th st.....	West...	6	.....	.....	.....	.....	554	
Lyndale av.....	34th st.....	35th st.....	East...	8	.....	.....	.....	.....	613	
Portland av.....	34th st.....	39th st.....	East...	8	.....	.....	.....	.....	3,081	
Portland av.....	37th st.....	39th st.....	West...	8	.....	.....	.....	.....	1,223	
34th st.....	Nicollet av.....	Chicago av.....	South..	8	.....	.....	.....	.....	2,240	
							1,460	6,261	7,711	\$2,020.44

SUMMARY OF TABLE NO. 13.

WARD.	LENGTH.				Total cost.
	Artificial stone walk laid by owners	Artificial stone walk laid by city.	Plank walk laid by owners	Plank walk laid by city.	
	Feet.	Feet.	Feet.	Feet.	
First.....	2,636	434	608	9,204	\$6,149.00
Second.....	7,746	1,372	3,519	4,625	9,200.02
Third.....	2,138	195	8,956	35,231	17,280.67
Fourth.....	9,542	175	2,797	19,247	16,202.25
Fifth.....	2,848	66	1,010	4,068	10,190.60
Sixth.....	1,441	.....	3,954	6,353	8,310.54
Seventh.....	3,103	.....	3,449	9,324	4,135.08
Eighth.....	8,079	1,096	2,818	19,311	13,444.82
Ninth.....	9,746	208	9,186	22,869	13,517.97
Tenth.....	.....	.....	5,563	15,512	1,880.59
Eleventh.....	201	.....	880	941	2,907.54
Twelfth.....	677	.....	2,463	4,782	1,691.48
Thirteenth.....	.....	.....	1,460	6,251	2,020.44
Totals.....	48,157	6,546	46,663	157,718	\$109,931.00

49.07 miles.

TABLE NO. 14.
SIDEWALKS ORDERED FOR 1902.
FIRST WARD

STREET.	FROM—	TO—	Side.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone	Plank
8th av. N. E.	River	2d st.	Both	6	1	2,794.3		\$1,078.56	
4th av. N. E.	1st av.	University av.	South	6	1	160		50.00	
4th st. N. E.	Broadway st.	16th av.	West	6	1	424.5		254.70	
4th st. N. E.	20th av.		Both	6	1		2,672.6		\$ 680.40
4th st. N. E.	Main st.	University av.	Both	6	1	1,440	5,278.9	684.00	1,266.92
5th st. N. E.	2d av.	6th av.	West	6	1	385.5		201.30	
14th av. N. E.	4th st.	44 st.	Both	6	1		207.5		40.80
Island av. N. E.	Ol. N. By	Bridge st.	Inland	6	1	841.9		505.14	
Main st. N. E.	5th av.	Broadway st.	West	10	1	1,784.5		2,082.18	
Main st. N. E.	6th av.	Broadway st.	East	11	1	736.8		426.08	
Ramsey st.	8th av. N. E.	3d av.	Both	6	1		1,716.5		411.06
2d st. N. E.	6th av.	Broadway st.	East	13	1				
2d st. N. E.	8th av.	Main st.	Both	14	1	3,165		1,860.60	
8th av. N. E.	Marshall st.	5th st.	South	6	1		177		42.48
8th av. N. E.	University av.	5th st.	North	6	1		717		172.08
6th av. N. E.	4th st.	5th st.	South	6	1		358		85.02
7th av. N. E.	Marshall st.	5th st.	Both	6	1		1,408.1		337.94
13th av. N. E.	Main st.	University av.	Both	6	1	1,250		735.40	
2d av. N. E.	Marshall st.	Main st.	South	6	20		340		88.04
2d av. N. E.	Marshall st.	24 st.	Both	6	21		2,437.9		585.10
2d av. N. E.	Marshall st.	31st st.	Both	6	22		4,847.5		1,163.42
University av. N. E.	1st av.	3d av.	East	6	23	182		97.20	
University av. N. E.	5th av.	Broadway st.	East	6	24	1,188.5		713.10	
						14,322.0	20,886.9	90,550.06	4,368.06

• All built.

CHYWA CHOCOLATE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
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TABLE No. 14.—Continued.
SECOND WARD.

STREET	FROM	TO—	Siz.	Width, feet	No. of assessments	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank
3d av. S. E.	2d st.	University av.	East.	6	47	345	..	210.00	..
10th av. S. E.	University av.	4th st.	East.	6	44	470	..	222.10	..
10th av. S. E.	4th st.	Railroad ..	East.	6	49	445.7	..	297.45	..
12th av. S. E.	University av.	4th st.	Both.	6	30	555	..	353.00	..
12th av. S. E.	7th st.	..	Both.	6	33	..	554.5	..	133.07
University av. S. E.	2d av.	..	Both.	6	34	345	..	219.00	..
University av. S. E.	3d av.	..	Both.	6	32	..	..	..	..
University av. S. E.	4th av.	..	Both.	6	32	..	..	..	..
University av. S. E.	5th st.	..	North.	6	32	..	..	..	..
University av. S. E.	6th st.	..	North.	6	24	219	..	130.40	..
University av. S. E.	8th av.	..	North.	6	24	86	..	51.60	..
University av. S. E.	14th av.	..	North.	6	55	..	383	..	80.32
University av. S. E.	16th av.	..	North.	6	55	..	603	..	162.04
University av. S. E.	18th av.	..	North.	6	57	..	1,415.7	..	539.76
University av. S. E.	Natcom av.	City limits.	North.	6	65	..	..	..	..
						17,191.4	3,848.5	\$10,314.24	\$2,100.30

*All built.

THIRD WARD.

Aldrich av. in front of	Lot 30 and S. 5 ft. of Lot 21.	Blk. 7, Menage's 4th addition.	West.	4	1	..	35	..	8.40
Aldrich av.	6th av. N. Lot 14, Blk. 5, Menage's 4th addition.	11th av. N.	West.	4	3	..	755.5	..	85.32
Aldrich av.	8th av. N.	..	East.	4	3	..	912.0	..	910.02
Aldrich av.	11th av. N., opp. Blk. 1, Jew	..	East.	4	4	..	459.5	..	110.04
Aldrich av.	22d av. N.	..	Both.	4	4	..	2,890.5	..	653.90
Basett place.	22d av. N., Lot 14, Blk. 5, Menage's 4th addition.	..	East.	4	7	..	253.5	..	63.32
Bradford av.	7th av. N.	..	East.	4	3	..	253.5	..	63.04
Bradford av.	In front of Lot 5, Blk. 18.	Shurborne & Beebe's addition.	..	4	3	..	64.5	..	15.48
Dupont av.	In front of Lots 5 and 6, Blk. 18.	14 Shurborne & Beebe's add.	..	4	3	..	119.5	..	28.88
Dupont av.	6th av. N.	11th av. N.	Both.	4	10	..	1,550.1	..	372.02
6th av. N.	Washington av.	..	Both.	4	11	409.5	..	273.10	..
6th av. N.	Bryant av.	Lyndale av.	Both.	4	12	..	571	..	137.04
6th av. N.	Bradford av.	Oak lake av.	North.	4	13	..	184.4	..	48.73
6th av. N.	Penn av.	Russell av.	North.	4	14	..	606.2	..	145.46
11th av. N.	Grand av.	..	Both.	4	15	..	225	..	54.00
13th av. N.	Lyndale av.	..	Both.	4	16	..	2,694.7	..	591.01

THIRD WARD

4th st	20th av	1st av	12th av	North	8	17	122.4	4,009.9	73.44	1,315.98
4th st	14th av	14th av	14th av	West	0	18	...	1,101.1	...	294.95
4th st	14th av	14th av	14th av	Both	6	20	...	608.4	...	167.62
5th st	24 st	24 st	5th st	Both	8	22	2,101.9	40	1,093.02	11.29
5th st	3d av	In front of Lot 1 Blk 3	Bridge over 4th av	Both	15	25	147	4,145	211.15	308.38
5th st	3d av	Bridge over 4th av	10th av	Both	8	24	...	1,377.7	184.72	330.61
5th st	12th av	Washington av	34th st	South	0	25	...	...	172.50	...
5th st	34th st	Grand av	6th st	South	0	27	114.5	1,975	...	474.62
14th av	14th av	James av	Washington av	North	0	29	287	555.7	...	181.57
14th av	14th av	Washington av	34th st	North	0	30	...	556	...	85.44
14th av	14th av	Washington av	34th st	North	0	31	620	...	503.20	...
14th av	14th av	Washington av	34th st	North	0	32	...	...	...	333.44
14th av	14th av	Washington av	34th st	North	0	33	...	...	...	79.90
14th av	14th av	Washington av	34th st	North	0	34	...	...	...	151.36
14th av	14th av	Washington av	34th st	North	0	35	...	...	...	76.08
14th av	14th av	Washington av	34th st	North	0	36	...	...	...	296.46
14th av	14th av	Washington av	34th st	North	0	37	...	...	...	351.40
14th av	14th av	Washington av	34th st	North	0	38	...	...	...	217.82
14th av	14th av	Washington av	34th st	North	0	39	...	...	...	414.02
14th av	14th av	Washington av	34th st	North	0	40	...	...	...	114.06
14th av	14th av	Washington av	34th st	North	0	41	...	...	...	94.79
14th av	14th av	Washington av	34th st	North	0	42	...	...	...	213.82
14th av	14th av	Washington av	34th st	North	0	43	...	...	...	52.08
14th av	14th av	Washington av	34th st	North	0	44	...	...	...	100.04
14th av	14th av	Washington av	34th st	North	0	45	...	...	...	342.00
14th av	14th av	Washington av	34th st	North	0	46	...	...	...	200.43
14th av	14th av	Washington av	34th st	North	0	47	...	...	...	177.22
14th av	14th av	Washington av	34th st	North	0	48	...	...	...	130.04
14th av	14th av	Washington av	34th st	North	0	49	...	...	...	135.94
14th av	14th av	Washington av	34th st	North	0	50	...	...	...	191.11
14th av	14th av	Washington av	34th st	North	0	51	...	...	...	207.30
14th av	14th av	Washington av	34th st	North	0	52	...	...	...	203.50
14th av	14th av	Washington av	34th st	North	0	53	...	...	...	356.40
14th av	14th av	Washington av	34th st	North	0	54	...	...	...	...
14th av	14th av	Washington av	34th st	North	0	55	198.5	958.7	148.50	...
14th av	14th av	Washington av	34th st	North	0	56	...	...	...	620.10
14th av	14th av	Washington av	34th st	North	0	57	...	...	...	503.85
14th av	14th av	Washington av	34th st	North	0	58	...	...	...	145.06
14th av	14th av	Washington av	34th st	North	0	59	...	...	...	219.45
14th av	14th av	Washington av	34th st	North	0	60	...	...	...	112.51
14th av	14th av	Washington av	34th st	North	0	61	...	...	...	...
14th av	14th av	Washington av	34th st	North	0	62	...	...	402.00	...
14th av	14th av	Washington av	34th st	North	0	63	...	...	548.80	...

TABLE No. 14.—Continued.
THIRD WARD.

STREET	FROM	TO	SIDE	Width.	No. of houses— municipal	Length assessed.		Amt of assessment	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone	Plank
2d st N	14th av.	22d av.	Both	8	83	712	4735	500 00	1342 40
6th av N	2d st	Wash av	Both	8	8	450	...	300 00	...
6th st N	15th av	5th st	Both	8	45	64 5	...	38 76	...
6th st N	22d av	24th st	Both	6	67	178	606	105 80	167 04
7th av N	In front of lot 10, block 20.	Minneapolis	Both	6	60	727 9	...	436 74	...
7th av N	Wash av	2d st	Both	6	60	...	...	...	...
7th av N	3d st.	4th st.	Both	6	70	...	...	...	...
7th av N	6th st.	Hog av	Both	6	71	...	...	...	...
7th av N	Hog av	Oak lake av	South	6	72	...	...	...	...
16th av N	1st st.	2d st.	North	6	73	...	...	...	...
16th av N	Wash av	5th st.	North	6	74	...	...	...	...
16th av N	5th st.	6th st.	Both	8	75	...	...	...	...
17th av N	Penn av	Russell av	Both	8	76	...	...	...	...
8rd av N	3rd st.	4th st.	West	12	77	...	1,000 4	68 31	201 94
8rd st. in front of lot 6, blk.	6, Brown's sub. in Case &	Moore's addition	Both	12	78	...	...	...	...
8rd st N	Bog over 4th av	8th av.	Both	15	79	...	...	...	...
8rd st N	12th av.	Plymouth av.	East	8	80	...	...	...	...
8rd st N	15th av.	8th st.	Both	8	81	...	...	...	...
12th av N	Washington av	Lyndale av	North	6	82	...	600 2	502 80	167 74
12th av N	4th st.	Lyndale av	South	6	83	...	...	...	...
12th av N	In front of lot 5, blk 3	Gule's 2nd addition.	North	6	84	...	608 8	...	167 71
12th av N	In front of lot 5 and 6, blk.	18 Minneapolis.	North	6	86	...	...	...	...
20th av N	Washington av	Lyndale av.	North	18	87	...	...	...	...
20th av N	5 blk 18 Minneapolis	Aldrich av.	North	8	88	...	...	...	...
20th av N	Lyndale av	Aldrich av.	North	8	89	...	1,305 3	723 18	...
21st av N	Oliver av	Eden av.	Both	6	90	...	...	...	...
22nd av N	Lyndale av	Aldrich av	South	8	91	...	...	...	...
22nd av N	Gilford av	Irving av	South	8	92	...	...	...	...
22nd av N	Lyndale av	Irving av.	Both	8	93	...	...	...	...
22nd av N	Lyndale av	Aldrich av	North	6	94	...	...	...	...
22nd av N	Irving av	Dupont av.	North	6	95	...	...	...	...
22nd av N	...	...	North	6	96	...	...	...	...
22nd av N	...	...	North	6	97	...	...	...	...
22nd av N	...	...	North	6	98	...	...	...	...
22nd av N	...	...	North	6	99	...	...	...	...
22nd av N	...	...	North	6	100	...	...	...	...

TABLE No. 13.—Continued.
EIGHTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by own- ers, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by own- ers, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Harriet av	25th st	26th st	East	6	151		99	389	639	
Lake st	5th av. S.	Chicago av	Both	8				128	128	
Nicollet av	Franklin av	26th st	West	8	570			112	601	
Nicollet av	33d st	34th st	East	8			90	409	499	
Park av	24th st	32d st	Both	8	5,485	860			6,345	
Pleasant av	25th st	26th st	West	8				175	175	
Pleasant av	26th st	27th st	West	8				76	76	
Pleasant av	33d st	34th st	Both	8				908	908	
Queen av	21st st	N. line 8th ward	West	6	271				271	
Stevens av	26th st	27th st	West	6	500				500	
Stevens av	28th st	29th st	Both	6				324	324	
Stevens av	29th st	Lake st	Both	6				776	776	
Stevens av	29th st	Lake st	West	6				45	45	
Stevens av	24th st	25th st	West	6	56				56	
2d av. S.	25th st	26th st	West	6				92	92	
6½ av. S.	24th st	25th st	West	6				40	40	
6½ av. S.	27th st	28th st	West	6			87	460	556	
6½ av. S.	31st st	34th st	Both	6	176			283	469	
24th st	Portland av	6½ av. S.	South	8		40			40	
27th st	Pillsbury av	Lyndale av	North	6				984	984	
27th st	Pillsbury av	Garfield av	South	6				1,021	1,021	
27th st	5th av. S.	Chicago av	Both	6			134	301	525	
28th st	5th av. S.	Chicago av	South	8				47	47	
28th st	Dupont av	Hennepin av	North	8				923	923	
29th st	Nicollet av	Pleasant av	Both	6			258	1,942	2,200	
31st st	Nicollet av	Pleasant av	North	6			303	776	1,079	
32d st	Nicollet av	Blaisdell av	North	6				363	363	
32d st	1st av. S.	3d av. S.	South	8				275	275	
32d st	Portland av	Park av	North	8				253	253	
32d st	Blaisdell av	Pillsbury av	Both	8			178	425	603	
32d st	Nicollet av	Pillsbury av	Both	6	30			766	766	
					8,079	1,096	2,818	19,311	31,304	\$13,442.82

TABLE NO. 13.—Continued.
ELEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank laid by owners, feet.	Plank laid by city, feet.	Total length, feet.	Total cost
Butler place.....	22nd av. S.....	23rd av. S.....	South.....	4	.....	.....	.....	.....	202	
Cedar av.....	7th st.....	Franklin av.....	East.....	8	.....	.....	.....	.....	61	
8th st. S.....	11th av.....	13th av.....	South.....	8	.....	.....	.....	.....	70	
8th st. S.....	16th av.....	17th av.....	North.....	8	.....	.....	.....	110	110	
9th st. S.....	20th av.....	21st av.....	Both.....	8	.....	.....	.....	230	409	
19th st.....	17th av.....	R. R.....	Both.....	6	.....	.....	.....	220	220	
7th st. S.....	10th av.....	12th av.....	South.....	8	132	.....	.....	.....	132	
7th st. S.....	13th av.....	16th av.....	South.....	8	69	.....	.....	.....	69	
7th st. S.....	19th av.....	20th av.....	South.....	8	.....	.....	.....	146	146	
7th st. S.....	Riverside av.....	22nd av.....	South.....	8	.....	.....	.....	100	100	
16th av. S.....	7th st.....	8th st.....	West.....	8	.....	.....	.....	.....	225	
20th av. S.....	7th st.....	Franklin av.....	Both.....	8	.....	.....	.....	113	113	
22nd st.....	18th av. S.....	Cedar av.....	North.....	8	.....	.....	.....	.....	143	
24th av. S.....	Riverside av.....	Franklin av.....	West.....	8	.....	.....	.....	22	22	
					201			941	2,022	\$2,907.54

TWELFTH WARD.

41st av. S.....	52nd st.....	53rd st.....	West.....	6	617	.....	.....	.....	617	
53½ st.....	31st av.....	34th av.....	South.....	6	.....	.....	.....	.....	542	
9th av. S.....	34th st.....	36th st.....	Both.....	6	.....	.....	.....	2,402	2,402	
10th av. S.....	34th st.....	39th st.....	Both.....	6	60	.....	.....	213	1,097	
12th av. S.....	35th st.....	36th st.....	Both.....	8	.....	.....	.....	775	775	
34th av. S.....	49th st.....	54th st.....	West.....	6	.....	.....	.....	1,120	1,960	
38th st.....	Chicago av.....	10th av. S.....	South.....	6	.....	.....	.....	267	539	
					677			4,782	7,922	\$1,691.48

THIRTEENTH WARD.

Chicago av.....	35th st.....	36th st.....	West.....	6	.....	.....	.....	554	554	
Lyndale av.....	34th st.....	35th st.....	East.....	8	.....	.....	.....	613	613	
Portland av.....	34th st.....	39th st.....	East.....	8	.....	.....	.....	1,760	3,081	
Portland av.....	37th st.....	39th st.....	West.....	8	.....	.....	.....	1,223	1,223	
24th st.....	Nicollet av.....	Chicago av.....	South.....	8	.....	.....	.....	2,101	2,240	
								6,261	7,711	\$2,030.44

SUMMARY OF TABLE NO. 13.

WARD.	LENGTH.				Total cost.
	Artificial stone walk laid by owners	Artificial stone walk laid by city.	Plank walk laid by owners	Plank walk laid by city.	
	Feet.	Feet.	Feet.	Feet.	
First.....	2,636	434	608	9,204	\$6,149.00
Second.....	7,746	1,372	3,519	4,625	9,200.02
Third	2,138	195	8,956	35,231	17,280.67
Fourth.....	9,542	175	2,797	19,247	16,202.25
Fifth	2,848	66	1,010	4,068	10,190.60
Sixth... ..	1,441	.....	3,954	6,353	8,310.54
Seventh.....	3,103	.....	3,449	9,324	4,135.08
Eighth.....	8,079	1,096	2,818	19,311	13,444.82
Ninth.....	9,746	208	9,186	22,869	13,517.97
Tenth.....	.....	.....	5,563	15,512	4,880.59
Eleventh.....	201	.....	880	941	2,907.54
Twelfth.....	677	.....	2,463	4,782	1,691.48
Thirteenth.....	.....	.....	1,460	6,251	2,020.44
Totals.....	48,157	6,546	46,663	157,718	\$109,931.00

49.07 miles.

TABLE NO. 23.
WATERMAINS LAID DURING THE SEASON OF 1891.

The following named watermains were laid by the City by day work. The abutting property was assessed sixty-five (65c) cents per front foot, regardless of the size of the mains:

STREET.	FROM—	TO—	Size, inches	Number of extensions	Length, feet.	Cost
Aldrich av.	20th av. N.	22d av. N.	8	580	705	\$ 870.45
Blaisdell av.	27th st.	28th st.	8	580	635	705.00
Bryant av.	Franklin av.	24th st.	8	591	1,280	1,296.85
Bryant av.	26th st.	27th st.	8	592	721	823.00
Central av.	10th st. N. E.	Harrison st.	8	653	1,020	1,220.45
Clinton av.	Lake st.	31st st.	8	594	642	719.15
Clinton av.	32d st.	33d st.	8	595	607	627.01
Colfax av.	Mt. Curve av.	Douglass av.	8	596	348	505.15
Colfax av.	24th st.	Hennepin av.	8	597	1,063	1,126.37
Delaware st.	Church st.	Union st.	8	600	533	676.25
Delaware st.	Union st.	Oak st.	8	608	1,226	1,287.84
Emerson av.	27th av. N.	28th av. N.	8	608	652	701.22
Emerson av.	27th st.	28th st.	8	604	612	649.65
8th st. S. E.	7th av.	9th av.	8	600	620	651.02
11th av. S.	38th st.	39th st.	8	601	624	739.32
16th av. S.	Lake st.	34th st.	8	599	2,563	2,627.01
Franklin av.	Bryant av.	Hennepin av.	12	609	230	509.04
Fremont av.	13th av. N.	Plymouth av.	8	610	418	480.94
Fremont av.	20th av. N.	27th av. N.	8	611	3,082	3,262.16
Fulton st.	Harvard st.	Oak st.	8	608	776	934.25
5th av. S.	31st st.	32d st.	8	606	608	662.72
16th st.	Spruce Place.	Willow st.	8	605	297	362.42
Girard av.	8th av. N.	Plymouth av.	8	612	2,080	2,291.26
Girard av.	Lake st.	31st st.	8	613	615	702.51
Grant st.	Nicollet av.	Vine Place.	8	614	366	363.78
Hillside av.	Irving av.	Logan av.	8	616	1,021	2,544.02
James av.	20th av. N.	Hillside av.	8	616	1,367	2,310.30
Lake st.	9th av. S.	Hawthorne av.	12	617	5,908	12,030.06
Lake st.	Hennepin av.	Irving av.	12	618	997	2,140.46
Logan av.	Crystal Lake av.	Hillside av.	8	619	641	612.02
Marshall st.	4th av. N. E.	5th av. N. E.	8	620	708	990.44
Marshall st.	50th ft. of 13 av. N. E.	13th av. N. E.	8	704	244	376.77
Mary Place.	12th st. S.	13th st. S.	8	621	490	556.11
Monroe st.	Central av.	Summer st.	8	622	2,182	3,275.25
Mt. Curve av.	Hillside Place.	Colfax av.	8	623	267	323.72
Nicollet av.	34th st.	37th st.	8	624	1,368	2,291.05
9th st. S.	15th av.	16th av.	8	625	590	662.56
Oak Lake av.	8th av. N.	10th av. N.	8	626	104	185.75
Park av.	Lake st.	32d st.	8	629	1,213	1,111.50
Pillsbury av.	28th st.	Lake st.	8	630	1,022	1,400.06
Pleasant st.	Beacon st.	Wash. av. S. E.	8	672	267	464.36
Plymouth av.	Lyndale av.	Humboldt av.	16	631	2,728	7,756.40
Portland av.	33d st.	38th st.	8	632	3,272	4,073.63
2d av. S.	33d st.	35th st.	8	635	1,390	1,870.66
2d st.	5th av. S.	20th av. N.	36	634	9,590	*103,330.24
6th st. N. E.	Broadway st.	17th av. N. E.	8	639	2,845	3,907.01
6th av. S.	Lake st.	32d st.	8	640	1,211	1,166.19
7th st. S.	15th av.	Cedar av.	8	638	1,357	1,844.43
16th st.	Park av.	Chicago av.	8	637	595	586.36
Tuttle st.	Talmage av.	Division st.	8	648	676	660.15
3d st. N.	19th av.	20th av.	16	644	442	1,253.03
10th av. N.	1st st.	2d st.	16	660	55	186.58
10th av. N.	3d st.	Oak Lake av.	8	642	1,381	1,440.18
10th av. N.	Franklin av.	22d st.	8	643	596	550.78
12th av. S.	26th st.	27th st.	8	649	1,308	1,289.73
13th av. S.	24th st.	26th st.	8	646	1,610	1,255.18
13th st. S.	Vine Place.	Nicollet av.	8	645	684	637.49
21st av. S.	7th st.	8th st.	8	650	503	643.30
22d st.	47th av. S.	29th av. S.	8	661	820	1,015.71
23d av. S.	9th st.	Franklin av.	8	667	445	504.55

*This total includes 386 feet of tunnel under the Gr. N. Ry. at a cost of \$11,374.24.

THIRD WARD.

94th av	24th av	20th av	Both	6	214	180	835	1,024
7th st	Bradford av	5th av	North	8	...	...	27	27
3d st	6th av	5th av	Both	8	122	...	313	313
1d st	12th av	Plymouth av	East	8	...	...	1,520	1,520
12th av	20th av	22d av	Both	8	334	448	1,072	1,072
30th av	Aldrich av	Dupont av	Both	8	...	...	601	835
20th av	River	3d st	Both	8	...	...	1,083	1,478
20th av	Emerson av	James av	Both	18	...	...	114	207
21st av	Crystal lake av	Oliver av	South	12	...	...	385	385
22d av	Emerson av	Gilbert av	Both	8	...	...	330	448
23d av	Crystal lake av	Penn av	Both	8	...	...	587	792
24th av	...	6th st	Both	8	...	...	943	1,297
24th av	Dupont av	Freemont av	Both	8	...	...	1,251	1,323
24th av	Hillside av	Logan av	Both	8	...	...	80	203
25th av	...	6th st	Both	8	...	...	960	1,280
25th av	Dupont av	Freemont av	Both	8	...	...	400	470
25th av	Freemont av	James av	Both	8	...	...	300	385
25th av	Logan av	Penn av	North	8	126	107	480	647
25th av	Plymouth av	14th av N	Both	8	...	...	533	859
Washington av	...	...	East	18	171	190	9,234	2,324
					2,138	195	35,231	46,530
								\$17,280 67

FOURTH WARD.

Aldrich av	Western av	6th av N	Both	6	...	...	008	008
Bryant av	Western av	6th av N	Both	6	...	...	1,400	1,400
Cedar lake road	Western av	Bassett Creek	Both	6	...	...	130	130
Colfax av	Dupont av	6th av N	Both	6	...	...	1,089	1,481
Douglas av	Dupont av	Knox av	Both	6	...	...	1,414	1,768
Dupont av	Dupont av	Superior av	East	6	...	...	316	688
Dupont av	Dupont av	Franklin av	West	6	...	...	634	688
Dupont av	Dupont av	Superior av	West	6	...	...	688	688
Dupont av	Dupont av	Dupont av	North	6	...	...	1,146	1,148
Dupont av	Dupont av	Dupont av	North	6	...	...	574	574
Dupont av	Dupont av	Dupont av	North	6	...	...	972	1,272
Dupont av	Dupont av	Dupont av	North	6	...	...	352	352
Dupont av	Dupont av	Dupont av	North	6	...	...	100	100
Dupont av	Dupont av	Dupont av	North	6	...	...	1,068	1,068
Dupont av	Dupont av	Dupont av	North	6	...	...	438	438
Dupont av	Dupont av	Dupont av	North	6	...	...	608	608
Dupont av	Dupont av	Dupont av	North	6	...	...	632	632
Dupont av	Dupont av	Dupont av	North	6	...	...	581	581
Dupont av	Dupont av	Dupont av	North	6	...	...	972	972
Dupont av	Dupont av	Dupont av	North	6	...	...	1,043	1,043
Dupont av	Dupont av	Dupont av	North	6	...	...	272	272

TABLE 13.—Continued.
FOURTH WARD.

STREET.	FROM—	TO—	SIDE.	Width feet	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank laid walk by owner, feet.	Plank laid walk by city, feet.	Total length, feet.	Total cost.
14th st	Nicollet av	Spruce Place	Both	6			174	174	348	
15th st	Nicollet av	Spruce Place	Both	6	313			174	487	
15th st	Linden av	Hawthorn av	West	6	176				176	
Girard av	Douglas av	Franklin av	West	6	87		150		1,126	
Grant st	Nicollet av	Spruce Place	Both	6				70	70	
Groveland av	Ridgewood av	Lyndale av	Both	6				655	655	
Hennepin av	Spruce Place	Harmon Place	South	6	187				187	
Humboldt av	Mt. Curve av	Douglas av	East	6	229		144		373	
Laurel av	Bryant av	Dupont av	Both	6				287	287	
Linden av	15th st	16th st	Both	6	309				309	
Linden av	17th st	Lyndale av	Both	6	250				250	
Lyndale av	Hawthorn av	Linden av	Both	6	150			159	318	
Lyndale av	Ontario av	Erle av	West	6				317	317	
Lyndale av	Lincaln av	Franklin av	West	8				583	583	
Lyndale av	Groveland av	Franklin av	East	8	506			130	1,426	
Nicollet av	Grant st	15th st	West	8	265				265	
Penn av	5th av N	6th av N	West	6				967	967	
Pleasant av	Ridgewood av	Franklin av	Both	6				287	287	
Queen av	Kenwood boul	South line 4th ward	West	6	962				962	
Ridgewood av	Pillsbury av	Lyndale av	Both	6	2,957	100			3,057	
Sheridan av	Kenwood boul	Franklin av	West	6	962				962	
6th av N	Bradford av	Oak Lake av	South	6				105	105	
6th av N	Lyndale av	Colfax av	South	6			134	58	192	
17th st	Laurel av	Erle av	Both	6				260	260	
3d av N	Aldrich av	Colfax av	Both	6				297	297	
Vine Place	Grant st	17th st	Both	6	1,283	75			1,358	
					9,542	175	2,797	19,247	31,761	\$16,202.25

FIFTH WARD.

Chicago av	14th st.	16th st.	East	6	159				159	
Chicago av	18th st.	19th st	West	6			90		90	
	14th st.	16th st.	West	6	185				185	
	Franklin av	24th st	Both	6				198	198	

TABLE NO. 13.—Continued.
SIXTH WARD.

STREET.	FROM—	To—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Cedar av.....	3d st.....	6th st.....	West...	6	75	.....	.....	.....	75	
Cedar av.....	6th st.....	7th st.....	Both...	15	80	.....	40	66	186	
11th av. S.....	4th st.....	6th st.....	East...	8	180	.....	.....	170	360	
18th av. S.....	Cedar av.....	7th st.....	Both...	8	.....	.....	155	64	219	
4th st. S.....	10th av.....	12th av.....	South...	8	122	.....	.....	.....	122	
4th st. S.....	12th av.....	13th av.....	Both...	8	.....	.....	.....	507	507	
5th st. S.....	10th av.....	11th av.....	North...	8	.....	.....	.....	55	55	
5th st. S.....	12th av.....	13th av.....	Both...	8	.....	.....	.....	28	28	
5th st. S.....	14th av.....	15th av.....	Both...	8	.....	.....	.....	181	181	
5th st. S.....	16th av.....	17th av.....	North...	8	.....	.....	.....	165	165	
5th st. S.....	Riverside av.....	22d av.....	North...	8	.....	.....	.....	268	268	
15th av. S.....	Railroad.....	7th st.....	East...	8	.....	.....	104	58	162	
19th av. S.....	Bluff st.....	2d st.....	East...	8	.....	.....	263	.....	263	
19th av. S.....	2½ st.....	3d st.....	Both...	8	101	.....	170	.....	280	
19th av. S.....	4th st.....	5th st.....	Both...	8	.....	.....	.....	143	143	
19th av. S.....	6th st.....	7th st.....	West...	8	179	.....	.....	.....	179	
Riverside av.....	Cedar av.....	7th st.....	Both...	14	139	.....	328	1,111	1,578	
2d st. S.....	13th av.....	14th av.....	Both...	8	.....	.....	346	231	577	
6th st. S.....	14th av.....	15th av.....	South...	8	.....	.....	.....	35	35	
6th st. S.....	Cedar av.....	19th av.....	Both...	8	.....	.....	358	112	470	
6th st. S.....	19th av.....	20th av.....	South...	8	.....	.....	.....	66	66	
6th st. S.....	20th av.....	21st av.....	Both...	8	.....	.....	.....	99	99	
7th st. S.....	11th av.....	12th av.....	North...	8	.....	.....	69	.....	69	
7th st. S.....	14th av.....	18th av.....	North...	8	.....	.....	295	191	486	
7th st. S.....	Cedar av.....	19th av.....	North...	8	.....	.....	.....	198	198	
7th st. S.....	Riverside av.....	22d av.....	North...	8	.....	.....	.....	99	99	
16th av. S.....	5th st.....	6th st.....	Both...	8	.....	.....	181	410	591	
17th av. S.....	6th st.....	7th st.....	Both...	8	179	.....	.....	350	529	
2½ st. S.....	Cedar av.....	19th av.....	North...	8	.....	.....	71	40	111	
3d st. S.....	14th av.....	16th av.....	Both...	8	66	.....	146	198	410	
12th av. S.....	Wash av.....	3d st.....	East...	8	.....	.....	.....	54	54	
12th av. S.....	3d st.....	4th st.....	Both...	8	.....	.....	.....	251	251	
12th av. S.....	5th st.....	7th st.....	Both...	8	97	.....	171	178	446	
13th av. S.....	2d st.....	3d st.....	Both...	8	223	.....	179	.....	402	
13th av. S.....	4th st.....	5th st.....	Both...	8	.....	.....	97	304	401	
20th av. S.....	6th st.....	7th st.....	West...	8	.....	.....	.....	83	83	

SIXTH WARD.

23d av. S.	Elverdale av.	7th st.	West.	126	126
23d av. S.	6th st.	7th st.	Both.	164	164
23d av. S.	6th st.	7th st.	Both.	126	126
23d av. S.	6th st.	7th st.	Both.	122	122
23d av. S.	6th st.	7th st.	Both.	204	204
1,441				2,354	11,783
					98,310.54

SEVENTH WARD.

Chicago av.	Lake st.	24th st.	East.	180	404
19th av. S.	24th st.	24th st.	Both.	1,029	3,526
19th av. S.	Bloomington av.	18th av. S.	Both.	1,074	1,074
Minnehaha av.	24th st.	24th st.	East.	1,001	1,001
18th av. S.	24th st.	24th st.	Both.	250	1,590
20th av. S.	Lake st.	22d st.	Both.	206	2,097
22d av. S.	Lake st.	11th av. S.	Both.	140	1,170
23d st.	Chicago av.	13th av. S.	Both.	880	283
23d st.	Minnehaha av.	23d av. S.	Both.	137	1,065
23d st.	12th av. S.	14th av. S.	Both.	137	933
23d st.	16th av. S.	18th av. S.	Both.	137	933
23d st.	18th av. S.	Cedar av.	Both.	137	933
23d st.	18th av. S.	Cedar av.	Both.	137	137
3,103				3,449	15,970
					4,135.06

EIGHTH WARD.

Aldrich av.	Franklin av.	23d st.	West.	76	76
Bryant av.	Franklin av.	21th st.	Both.	385	1,177
Bladell av.	Franklin av.	23d st.	Both.	385	1,177
Chicago av.	Lake st.	24th st.	West.	1,416	2,218
Clinton av.	24th st.	24th st.	East.	455	455
Clinton av.	24th st.	24th st.	Both.	270	480
Clinton av.	24th st.	24th st.	Both.	2,040	2,040
Clinton av.	24th st.	24th st.	Both.	487	1,577
Columbus av.	24th st.	24th st.	West.	487	487
1st av. S.	24th st.	24th st.	Both.	58	58
4th av. S.	24th st.	24th st.	West.	359	773
5th av. S.	24th st.	24th st.	East.	359	773
5th av. S.	24th st.	24th st.	Both.	357	357
Grand av.	Lake st.	21st st.	West.	45	45

TABLE NO. 11.—Continued.

SEWERS ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1901.

STREET—	FROM—	TO.	Kind.	Shape.	Size, inches.	Length, feet.	Amount of assessment.	Estimated cost.
17th street.	Chicago av.	10th av. S.	Pipe	Oval	12	652	1,268.50	1,467.31
Third av. N.	N. Mpls. tun'l.	4th street.	Pipe	Oval	15	289	807.66	8,126.86
*Third av. N.	N. Mpls. tun'l.	5th street.	Brick.	Egg	36	125	1,256.36	6,000.00
3rd av. N. E.	6th street.	Madison st.	Tun'l			600	602.96	896.70
*3rd st. N.	19th av.	20th av.	Brick.	Egg	24	324		
12th av. N.	Wash. av.	W. line lot 8, blk. 1, Case & Others Sub.	Pipe	Oval	12	274	481.55	705.13
12th av. S.	26th street.	28th st.	Brick.	Egg	24	1,300	2,632.82	3,519.66
15th av. N. E.	Marshall st.	Grand st.	Brick.	Egg	24	401	1,611.75	2,186.65
15th av. N. E.	Grand st.	Main st.	Pipe	Oval	12	230	601.35	1,307.89
22nd av. S.	Riverside av.	7th st.	Brick.	Egg	24	373	1,670.70	2,668.17
22nd av. S.	Seventh st.	9th st.	Pipe	Oval	15	630	670.80	708.00
23rd street.	14th av. S.	15th av. S.	Pipe	Oval	12	269	1,906.20	2,306.82
24th av. S.	26th street.	26th st.	Brick.	Egg	24	646	2,111.61	3,236.43
26th av. S.	36th street.	25th st.	Brick.	Egg	24	646	5,324.25	22,048.40
26th street.	Minnehaha av.	27th av. S.	Brick.	Cir	96	1,630		
27th street.	Lyndale av.	Aldrich av.	Brick.	Egg	66	829		
27th street.	Aldrich av.	Hennepin av.	Brick.	Cir	60	2,148		
*Monroe st.	224 feet from Bd'w'y st. M. H.	18½ av. N. E.	Brick.	Egg	24	2,814		
†7th st. S. E.	365.3 ft from 7th st. M. H.	5th av.	Pipe	Oval	15	300		10,073.89
‡Como av.	23rd av. S. E.	26th av. S. E.	Brick.	Egg	15	123		1,397.66
‡First av. S.	27th street.	29th st.	Pipe	Oval	12	358		5,556.06
‡First av. S.	29th street.	32nd st.	Brick.	Egg	24	1,140		
			Brick.	Egg	30	1,322		
			Brick.	Egg	24	1,865		12,634.35
Built previous to 1901.						32,094	\$75,900.70	\$122,334.34
Remaining to be built 1902.						43,718	\$3,253.49	201,400.96
Grand Total.						76,412	\$159,063.19	\$323,735.30

*Built in 1900. †Built in 1901. ‡Left over from 1901.

SUMMARY OF TABLE NO. 11.

KIND.	Shape.	Size, inches.	Estimated length, feet.
Pipe.	Oval	12	7,563
Pipe.	Oval	15	5,316
Brick.	Egg	24	20,136
Brick.	Egg	30	1,232
Brick.	Egg	36	664
Brick.	Egg	42	1,182
Brick.	Egg	51	792
Brick.	Egg	54	2,035
Brick.	Egg	60	2,148
Brick.	Egg	66	829
Brick.	Circular	96	1,630
Brick and stone.	Tunnel		600
Total, 8.28 miles.			43,718

TABLE NO. 12.
GRADING DONE BY CONTRACT IN 1891.

STREET.	FROM.	TO.	WARD.	Price per cubic yd.	Cubic yards.	Cost.	Name of Contractor
Stock Yards road.....	Broadway street.	City limits.....	9	.16	25,767	\$4,122.72	Gorman & Peterson.
Thirty-second av. N....	Penn avenue.....	Crystal lake avenue.....	10	.19	3,614	686.66	Canney Bros.
					29,381	\$4,809.38	

TABLE NO. 13.
SIDEWALKS LAID DURING THE SEASON OF 1891.
The whole cost of sidewalks is assessed to abutting property. Property owners are allowed to lay their own walks, subject to the inspection of this department. Men are employed and paid by the lineal foot to lay plank walks not laid by the owners. Stone walks laid by the city are laid by contract.
FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost.
4th st. N. E.....	13th av.....	18th av.....	West....	6	.....	.....	.....	1,371	1,371	
4th st. N. E.....	18th av.....	20th.....	Both....	6	.....	.....	.....	1,168	1,168	
5th st. N. E.....	1st av.....	2nd av.....	West....	6	132	.....	.....	.....	132	
Island av.....	North of G. N. Ry	.....	Inland.	6	1,756	100	.....	.....	1,856	
Marshall st.....	8th av. N. E.	13th av. N. E.....	East....	6	1,302	334	.....	.....	1,726	
Marshall st.....	22d av. N. E.....	26th av. N. E.....	Both....	6	.....	.....	341	2,902	3,233	
2d st. N. E.....	13th av.....	25th av.....	Both....	6	.....	.....	257	2,528	2,785	
University av. N. E.....	Central av.....	5th av.....	Both....	6	76	.....	.....	.....	76	
University av. N. E.....	6th av.....	7th av.....	Both....	6	340	.....	.....	.....	340	
University av. N. E.....	18th av.....	20th av.....	Both....	6	.....	.....	.....	1,245	1,245	
					2,636	434	608	9,204	13,942	\$6,149.00

SECOND WARD.

Beacon st.	Pleasant st	Union st	South	6	.....	.....	1,074	.....	1,074
Delaware st.	Oak st.	Church st.	South	6	.....	.....	506	.....	506
11th av. S. E.	6th st.	7th st.	East	6	.....	.....	358	144	358
4th av. S. E.	4th st.	5th st.	East	6	.....	.....	225	133	225
4th st. S. E.	2nd av.	3rd av.	North	6	.....	.....	.....	.....	.....
4th st. S. E.	6th av.	7th av.	West	6	.....	.....	.....	.....	.....
4th st. S. E.	7th av.	8th av.	North	6	.....	.....	.....	.....	.....
4th st. S. E.	8th av.	9th av.	Both	6	.....	.....	.....	.....	.....
4th st. S. E.	10th av.	11th av.	South	6	.....	.....	.....	.....	.....
4th st. S. E.	11th av.	13th av.	North	6	.....	.....	.....	.....	.....
4th st. S. E.	15th av.	16th av.	East	6	.....	.....	.....	243	.....
5th st. S. E.	3rd av.	4th av.	South	6	.....	.....	.....	.....	.....
5th st. S. E.	4th av.	5th av.	North	6	.....	.....	.....	.....	.....
5th st. S. E.	5th av.	6th av.	South	6	.....	.....	.....	.....	.....
5th st. S. E.	15th av.	16th av.	North	6	.....	.....	.....	.....	.....
14th av. S. E.	7th st.	3. N. Ry.	Both	6	.....	.....	.....	.....	.....
14th av. S. E.	Talmadge av.	Division st	West	6	.....	.....	.....	.....	.....
14th av. S. E.	4th st.	5th st.	West	12	.....	.....	.....	.....	.....
15th av. S. E.	University av.	4th st.	East	6	.....	.....	.....	.....	.....
15th av. S. E.	6th st.	7th st.	West	6	.....	.....	.....	.....	.....
15th av. S. E.	Talmadge av.	Division st	East	6	.....	.....	.....	.....	.....
15th av. S. E.	Como av.	Talmadge av.	South	6	.....	.....	.....	.....	.....
Harvard st.	University av.	Beacon st.	West	6	.....	.....	.....	.....	.....
Harvard st.	Delaware st.	Beacon st	East	6	.....	.....	.....	.....	.....
9th av. S. E.	5th st.	8th st.	West	6	.....	.....	.....	.....	.....
9th av. S. E.	3rd av.	5th av.	Both	6	.....	.....	.....	.....	.....
Ontario st.	Essex st.	River road	West	6	.....	.....	.....	.....	.....
6th av. S. E.	6th st.	7th st.	East	6	.....	.....	.....	.....	.....
6th st. S. E.	Central av.	2nd av.	South	6	.....	.....	.....	.....	.....
6th st. S. E.	4th av.	6th av.	South	6	.....	.....	.....	.....	.....
7th st. S. E.	Central av.	2nd av.	South	6	.....	.....	.....	.....	.....
7th st. S. E.	7th av.	9th av.	North	6	.....	.....	.....	.....	.....
7th st. S. E.	10th av.	11th av.	South	6	.....	.....	.....	.....	.....
7th st. S. E.	11th av.	12th av.	North	6	.....	.....	.....	.....	.....
16th av. S. E.	University av.	4th st.	East	6	.....	.....	.....	.....	.....
Talmadge av.	11th av. S. E.	12th av. S.	South	6	.....	.....	.....	.....	.....
Tuttlest.	Talmadge av.	Division st.	Both	6	.....	.....	.....	.....	.....
12th av. S. E.	6th st.	6th st.	West	6	.....	.....	.....	.....	.....
12th av. S. E.	Talmadge av.	Division st.	East	6	.....	.....	.....	.....	.....
13th av. S. E.	Talmadge av.	Division st.	West	6	.....	.....	.....	.....	.....
Union st.	Delaware st.	Beacon st.	West	6	.....	.....	.....	.....	.....
University av. S. E.	15th av.	17th av.	North	6	.....	.....	.....	.....	.....
					7,746	1,372	3,519	4,625	17,262
									80,200.02

11318. At 1131100.1

6th av	24th av	Both	0	0	1,024
7th av	Stratford av	North	0	0	27
2d st	7th av	Both	8	8	413
4th av	12th av	Both	8	8	122
24th av	Plymouth av	Both	0	0	1,050
4th av	22d av	Both	0	0	803
12th av	DuPont av	Both	0	0	1,053
Aldie av	2d st	Both	0	0	1,478
20th av	4d st	Both	0	0	114
24th av	James av	Both	18	18	307
20th av	Emerson av	South	12	12	193
24th av	Try-tal lake av	Both	0	0	38
23d av	Emerson av	Both	0	0	255
24th av	Grand av	Both	0	0	702
24th av	Try-tal lake av	Both	0	0	1,327
24th av	23d st	Both	0	0	1,343
24th av	DuPont av	Both	0	0	1,281
24th av	4th st	Both	0	0	132
24th av	Logan av	Both	0	0	396
24th av	11th av	Both	0	0	190
24th av	4th st	Both	0	0	580
24th av	Logan av	Both	0	0	460
24th av	DuPont av	Both	0	0	300
24th av	James av	Both	0	0	795
24th av	Freemont av	Both	0	0	440
24th av	James av	Both	0	0	647
24th av	Logan av	Both	0	0	167
24th av	14th av N	Both	0	0	157
Washington av	Plymouth av	Both	0	0	898
		Both	0	0	2,334
		Both	0	0	2,284
		Both	0	0	171
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		Both	0	0	171

FOURTH WARD

[illegible]

ANNUAL REPORT
CITY CLERK.

1891.

FIFTH WARD.

8th av. S	3d st.	4th st.	East	121					120
7th av. S	6th st.	5th st.	South						341
6th av. S	3d av. S	3d av. S	North						276
18th st.	Portland av.	Park av.	Both	100					287
16th st.	Chicago av.	10th av. S	North						60
Franklin av.	Chicago av.	9th av. S	Both						42
1st av. S	9th av. S	10th av. S	Both						114
4th av. S	14th st.	12th st.	East						60
5th av. S	14th st.	15th st.	Both	171					364
3th st. S	14th st.	15th st.	East	33					171
8th av. S	4th av.	5th av.	South	151					33
8th av. S	8th st.	9th st.	North						66
8th av. S	8th st.	10th av.	South	173					179
14th st.	Nicollet av.	3d av. S	South	150					494
15th st.	Park av.	5th av. S	South						138
15th st.	Chicago av.	5th av. S	South						104
Grant st.	Chicago av.	9th av. S	North	318					318
Nicollet av.	Grant st.	14th st.	North	125					125
9th av. S	6th st.	7th st.	East	171					60
9th av. S	17th st.	19th st.	Both	118					235
10th st.	8th av. S	9th av.	East						118
10th st.	3d av. S	Clinton av.	North						106
10th st.	Clinton av.	6th av. S	South	137					137
10th st.	5th av. S	17th st.	North	130					280
Stevens av.	18th st.	Portland av.	South						150
2d st. S	18th st.	Franklin av.	West	41					304
7th st. S	9th av.	10th av.	East						421
16th st.	2d av. S	Clinton av.	North	213					213
16th st.	5th av. S	Chicago av.	South	146					134
16th st.	10th av.	Chicago av.	North	113					464
17th st.	10th av.	Stevens av.	South	464					45
3d av. S	11th st.	12th st.	North						149
3d av. S	15th st.	24th st.	East	100					181
3d av. S	Franklin av.	4th st.	East	134					100
10th av. S	3d st.	5th st.	West						101
10th av. S	17th st.	18th st.	West	173					173
10th av. S	2d av. S	3d av. S	West						76
23d st.	3d av. S	Clinton av.	North	135					135
23d st.	4th av. S	Portland av.	Both						422
24th st.	Washington av. S	10th av.	North	196					140
			South						196
				2846	96	1010	4008	9880	\$10,190 40

ANNUAL REPORT
OF
CHAS. F. HANEY, CITY CLERK

OF THE CITY OF MINNEAPOLIS, 1891.

CITY CLERK'S OFFICE.
MINNEAPOLIS, MINN., Jan. 1, 1892. }

To the Honorable City Council:

GENTLEMEN—I have the honor to submit herewith my third annual report as city clerk, for the fiscal year ending December 31st, 1891.

The receipts and disbursements of the office are shown in the following statement:

CHAS. F. HANEY, TO CITY OF MINNEAPOLIS.

DEB.	
Tolling chattel mortgages, bills of sale, etc., 16,373 at 10 cts.	\$1,637.30
Filing satisfactions, 2,520 at 10 cents	252.00
Duplicate dog tags, 215 at 20 cts	43.00
Applications for liquor licenses, 220 at \$1.	220.00
Certified copies, plats and certificates	208.70
Council proceedings, sold volume 16, 1890, 1 at	2.00
Charter and ordinances, sold 3 sets at \$3	24.00
Plumbers' licenses, 31 at \$3	153.00
Male dog licenses, 5,135 at \$1.20	6,162.00
Female dog licenses, 493 at \$2.30	1,084.00
Witness fees to produce records in court	13.45
Total	\$0,688.05

CR.

By amount paid city treasurer Feb. 10, 1891	\$ 171.55
amount paid city treasurer March 13, 1891	126.00
amount paid city treasurer April 10, 1891	151.20
amount paid city treasurer May 2, 1891	219.30
amount paid city treasurer June 2, 1891	6,740.50
amount paid city treasurer July 3, 1891	1,246.60
amount paid city treasurer Aug. 5, 1891	274.80
amount paid city treasurer Sept. 11, 1891	207.90
amount paid city treasurer Oct. 3, 1891	179.50
amount paid city treasurer Nov. 9, 1891	308.90
amount paid city treasurer Dec. 5, 1891	189.60
amount paid city treasurer Dec. 31, 1891	177.30
Total	\$0,888.05

Respectfully submitted,
CHAS. F. HANEY, City Clerk.

TABLE No. 10.—Continued.

SEWERS CONSTRUCTED DURING THE SEASON OF 1891.

STREET	FROM	TO	Size Inches	Kind	Shape	Year of Lay	Length.	Cost
3d av S ...	29th st . .	33d st . . .	24	Brick	Egg	1890	2,522 3	8,193 80
7th st S E	14th av . .	13th av . . .	24	Brick	Egg	1890	217 7	981 80
7th st S E	3d av . . .	5th av . . .	12	Pipe	Oval	1890	322 8	2,380 44
7th st S E	7th av . . .	15th av West	15	Pipe	Oval	1890	882 3	775 60
3d st N . .	10th av . .	15th av . . .	30	Brick	Egg	1890	1,141 4	4,057 62
3d st N . .	15th av . .	20th av . . .	24	Brick	Egg	1890	1,813 6	3,073 70
Stevens av	Franklin av	24th st . . .	12	Pipe	Oval	1890	692 7	1,263 42
Stevens av	24th st . .	24th st . . .	12	Pipe	Oval	1890	664 4	1,524 10
Stevens av	22d st . . .	33d st . . .	15	Pipe	Oval	1890	658 9	1,550 15
2d st N E	Central av	Broadway st	Tunnel	Brick	Egg	1891	4,550 0	12,088 71
2d st N E	14th av . .	22d av . . .	36	Brick	Egg	1891	1,354 2	7,540 73
3d st S E	22d av . . .	25th av . . .	33	Brick	Egg	1891	1,131 0	4,506 34
Thomas pl	Edwood av	Logan av . .	21	Brick	Egg	1891	47 7	2,508 38
3d av N shaft	Near 5th st	Logan av . .	12	Pipe	Oval	1891	525	1,106 07
3d av N . .	N Mpls Tunnel	6th st . . .	36	Brick	Egg	1891	611 3	3,555 92
3d av S . .	27th st . .	26th st . . .	24	Brick	Egg	1891	647 5	2,834 14
8th av N . .	5th st . . .	Bassett's c'k	12	Pipe	Oval	1890	301	981 40
10th av N .	8th av . . .	Bassett's c'k	12	Pipe	Oval	1890	368 7	1,221 34
22d st . . .	14th av S .	15th av S . .	12	Pipe	Oval	1890	22 7	710 10
24th st . .	Chicago av	Columb's av	24	Brick	Egg	1890	27 4	621 54
24th st . .	Minnehaha av	24th av S . .	12	Pipe	Oval	1890	253 9	1,083 35
24th st . .	24th av S . .	24th av S . .	24	Brick	Egg	1890	617 6	34,288 07
24th st . .	Broadway st	8th av . . .	96	Brick	Circular	1890	2,472 6	2,890 37
24th av N E	8th av . . .	8th av . . .	24	Brick	Egg	1890	437 6	2,257 00
24th av N E	8th av . . .	7th av . . .	15	Pipe	Oval	1890	397 3	2,003 76
24th av N E	8th av . . .	7th av . . .	12	Pipe	Oval	1890	354 9	764 43
24th av N E	8th av . . .	7th av . . .	24	Brick	Egg	1890	51 6	624 04
24th av N E	14th st . .	14th st . . .	15	Pipe	Oval	1890	460 1	1,385 04
24th av N E	15th st . .	14th st . . .	12	Pipe	Oval	1890	129 7	1,193 74
24th av N E	19th st . .	Franklin av	12	Pipe	Oval	1890	488 4	1,198 80
24th av N E	14th st . .	12th st . . .	15	Pipe	Oval	1890	391 2	1,051 39
24th av N E	15th st . .	12th st . . .	24	Brick	Egg	1890	352 7	
24th av N E	Spruce pl	Spruce pl . .	24	Brick	Egg	1890		
24th av N E	Willow st .	Spruce pl . .	24	Brick	Egg	1890		

LATERALS FOR WHICH NO ASSESSMENT IS MADE.

STREET	FROM	TO	Size Inches	Kind	Shape	Length.	Cost.
5th st	Center of Hen av	W. H. House line	24	Brick	Egg	17 0	\$174.02
Dupont av	Hennepin av	22d street	12	Pipe	Oval	35 8	499.46
Dupont av	W. H. House line	W. H. L. on Hen av	24	Brick	Egg	161 4	1,439.53
Dupont av	Center Hen av	W. H. L. on Hen	24	Brick	Egg	225 2	105.23
Dupont av	Center Hen av	W. H. L. on Hen	12	Pipe	Oval	48 0	118.21
5th st	W. H. House line	E. H. L. on Hen av	24	Brick	Egg	45 0	1,164.38
Franklin av	Center of Hen av	W. H. L. of Hen av	24	Brick	Egg	95 9	194.00
Franklin av	Center of Hen av	W. H. L. of Hen av	12	Pipe	Oval	74 4	80.88
Franklin av	Center of Hen av	W. H. L. of Hen av	12	Pipe	Oval	61 1	67.06
Franklin av	Center of Hen av	W. H. L. of Hen av	12	Pipe	Oval	61 3	78.34
Franklin av	Center of Hen av	W. H. L. of Hen av	12	Pipe	Oval	60 0	497.60
Franklin av	Center of Hen av	W. H. L. of Hen av	96	Brick	Egg	40 0	

MISCELLANEOUS.

Watch basins on Dupont Av, at 4th, 5th and 6th Aves. N	\$399 54
Test Pumps on Adams street and Monroe street	93 15
Drain 62 ponds at Western avenue and Dupont avenue	160 75
Drain 2 ponds at Western avenue and Dupont avenue	1,210 51
Drain 2 ponds at Western avenue and Dupont avenue	314 58
Drain 2 ponds at Western avenue and Dupont avenue	11,710 58
Drain 2 ponds at Western avenue and Dupont avenue	3,082 63
Drain 2 ponds at Western avenue and Dupont avenue	5,402 48
Drain 2 ponds at Western avenue and Dupont avenue	440 28
Drain 2 ponds at Western avenue and Dupont avenue	1,030 03
Drain 2 ponds at Western avenue and Dupont avenue	4,090 45
Drain 2 ponds at Western avenue and Dupont avenue	27 08
Drain 2 ponds at Western avenue and Dupont avenue	2,783 90
Drain 2 ponds at Western avenue and Dupont avenue	14,250 68

Grand total miles, 13,708; feet, 72,381 & 8348,906 55

SUMMARY OF TABLE NO. 10.

Size Inches.	Length Feet.
12.....	16,247.3
15.....	9,520.4
24.....	32,058.4
27.....	647.6
30.....	4,091.6
33.....	1,356.2
36.....	4,570.0
54.....	1,281.8
60.....	95.9
96.....	2,512.6
Total feet.....	72,381.3
Total miles.....	13.709

SUPPLEMENT.

HOUSE CONNECTION INSPECTION—SEWER AND WATER.

Number of sewer connections inspected.....	582
Number of water connections inspected.....	986
Number of water pipe extensions inspected.....	47
Number of repairs inspected.....	331
Total number of inspections.....	1,976
Number of square yards of cedar paving taken up.....	4,227
Number of square yards of granite paving taken up.	384
Amount paid city for inspection.....	\$3,581.23
Amount paid city for repaving.....	1,540.80
Cost of inspection, inspector's pay rolls.....	\$4,080.42
Net cost to city of inspection.....	499.11

TABLE NO. 11.

SEWERS ORDERED TO BE ASSESSED IN THE TAXES FOR THE YEAR 1891

STREET	FROM—	TO.	Kind	Shape	Size, inches.	Length, feet	Amount of assessment	Estimated cost.
Adrich av	Plymouth av	14th av. N	Brick	Egg	24	386	\$850 95	\$1,473.98
Bryant av	Eight av. N	11th av. N	Brick	Egg	24	955	2,640 30	3,018 27
Bryant av	Plymouth av	18th av. N	Brick	Egg	24	1,970	6,330 15	9,173.65
Bryant av	18th av. N	20th av. N	Pipe	Oval	12	804		
Bussnell av	24th street	24th street	Brick	Egg	24	1,905	5,261 67	5,503 70
Bussnell av	24th street	22nd street	Pipe	Oval	15	653		
Chicago av	14th street	15th street	Pipe	Oval	12	285	578 88	563 85
Chicago av	Franklin av	24th street	Brick	Egg	24	1,327	2,982 11	3,680 07
Chicago av	24th street	36th street	Pipe	Oval	15	1,244	3,270 42	2,814.02
Chicago av	Lake street.	36th street	Brick	Egg	24	5,002	10,077 35	15,057 59
Chicago av			Pipe	Oval	15			
Cladon av	Seventh st	Franklin av	Brick	Egg	24	1,812	2,003 38	3,862 40
Cladon av			Pipe	Oval	12			
Cladon av	22nd st	34th street	Brick	Egg	24	2,052	12,742 48	25,212.18
Cladon av			Pipe	Oval	12			
Constant av	Lyndale av	17th street	Brick	Egg	24	265		
Constant av	17th street	15th street	Pipe	Oval	15	730	3,721 50	3,742 05
Constant av	15th street	12th street	Pipe	Oval	12	620		
Constant av	Lyndale av	DuPont av	Pipe	Oval	12	1,020	2,552 55	2,512 04
Constant av	Lyndale av	Chicago av	Pipe	Oval	15	345	896 88	921.04
Constant av	Harvard st	Oak street	Pipe	Oval	12	762	1,819 13	2,040 05
Constant av	17th street	18th street	Brick	Egg	24	448		
Constant av	18th street	18th street	Pipe	Oval	15	460	5,131 50	4,502 64
Constant av	19th street	22nd street	Pipe	Oval	12	1,002		
Constant av	32nd street	3rd street	Brick	Egg	24	850	1,765 50	2,088 51
Constant av	20th avenue	21st av	Brick	Egg	24	403	744 00	1,131 41
Constant av	Central av	First av	Pipe	Oval	12	391	840 00	2,025 00
Constant av	14th avenue	15th av	Pipe	Oval	15	405		
Constant av	14th avenue	13th av	Pipe	Oval	12	360	1,056 50	2,233 77
Constant av	25th street	27th st	Brick	Egg	24	1,246	3,344 04	3,855 68
Constant av	14th avenue	15th av	Brick	Egg	24	389	908 70	1,172 63
Constant av	2nd avenue	3rd av	Pipe	Oval	15	401		
Constant av	First avenue	2nd av	Pipe	Oval	12	360	1,683 00	2,127 47
Constant av	Lyndale av	Hennepin av	Brick	Egg	42	313	475 50	1,603 17
Constant av	Mt Curve av	Franklin av	Brick	Egg	24	1,513	3,356 25	3,922 95
Constant av	Franklin av	27th st	Brick	Egg	30	3,508	8,171.55	9,889 56
Constant av	27th street	28th st	Pipe	Oval	15	605		
Constant av	28th street	Lake st	Pipe	Oval	12	1,123	6,330 33	7,500 00
Constant av	Lake street	31st st	Pipe	Oval	15	643		
Constant av	Elwood av	Alley in blk 15	Pipe	Oval	12	119	261 15	300 00
Constant av	Western av	5th av N	Pipe	Oval	15	637	1,181 40	2,703 26
Constant av	Lyndale av	17th st	Pipe	Oval	15	274		
Constant av	17th street	16th st	Pipe	Oval	12	320	1,450 00	1,779 12
Constant av	Constant av	Erle av	Brick	Egg	24	1,800	3,339 25	7,265 31
Constant av	8th av. N	Plymouth av	Brick	Egg	54	2,026		
Constant av	Plymouth av	15th av N	Brick	Egg	51	792		
Constant av	15th av N	18th av N	Brick	Egg	42	1,182	11,586 68	31,030 25
Constant av	18th av N	20th av N	Brick	Egg	36	664		
Constant av	3rd av N E	Spring st	Brick	Egg	21	840	2,022 80	5,094 41
Constant av	Portland av	Park av	Pipe	Oval	12	500	1,315 88	1,340 30
Constant av	Yale Place	Harmon Place	Pipe	Oval	12	341	819 50	719 38
Constant av	Central av	Broadway st	Tun l			4,550	10,894 13	26,239 85
Constant av	18th av	25th av	Brick	Egg	36	2,480	6,055 72	14,300 00
Constant av	10th av	12th av	Brick	Egg	24	810	1,807 87	2,975 39

*Built in 1890 †Built in 1891 ‡Built in 1891, partly.

ANNUAL REPORT OF THE REGISTRAR OF WATER WORKS.

MINNEAPOLIS, January 1st, 1892.

To The Honorable City Council of the City of Minneapolis.

GENTLEMEN: I herewith submit the annual report of the Registrar of Water Works for the year ending December 31st, 1891. For detailed statements of receipts and disbursements, covering the year, I take pleasure in referring you to the following tables.

Yours Respectfully,

FRANK T. MOODY, Registrar Water Works.

TABLE NO. 1.

Showing the Receipts and Disbursements of the Water Department for the Year Ending December 31st, 1891.

Receipts.

Balance to credit Water Works fund, January 1, 1891.....	\$70,854 41
Water rents, penalties, etc.....	178,651 69
Water main assessments, interest and penalties.....	98,388 57
Water main advances.....	2,269 50
Miscellaneous.....	1,055 11
	<hr/>
	\$346,190 28

Disbursements.

New extensions.....	\$203,010 41
General maintenance.....	87,871 85
Engineer's certificates.....	14,215 30
Water main advances (repayments).....	7,182 20
Water meters.....	4,907 23
Permanent improvements, other than new lines of pipe.....	5,698 20
Extension material, (pipe, hydrants, valves, leads, etc.).....	10,016 31
Miscellaneous.....	845 42
Balance to credit Water Works fund January 1, 1892.....	12,452 31
	<hr/>
	\$346,190 28

Bonded debt of city on account Water works.....	\$1,235,000 00
Average rate of interest.....	4 37 per cent

TABLE NO. 2.

Showing Comparison of Receipts for Water Rents, Penalties, etc., from 1871 to January 1, 1891, inclusive.

1871.....	\$2,406 82	1881.....	\$37,450 83
1872.....	2,705 09	1882.....	30,769 80
1873.....	3,421 96	1883.....	69,061 62
1874.....	4,685 27	1884.....	84,115 04
1875.....	8,029 95	1885.....	101,455 21
1876.....	8,521 16	1886.....	115,268 50
1877.....	10,225 75	1887.....	137,178 34
1878.....	12,402 94	1888.....	133,171 04
1879.....	15,936 05	1889.....	157,514 22
1880.....	20,818 51	1890.....	172,509 74
		1891.....	178,651 69

TABLE No. 12.

GRADING DONE BY CONTRACT IN 1891.

STREET.	FROM.	TO.	WARD.	Price per cubic yd.	Cubic yards.	Cost.	Name of Contractor
Stock Yards road..... Thirty-second av. N....	Broadway street. Penn avenue.....	City limits..... Crystal lake avenue.....	9 10	.16 .19	25,767 3,614 29,381	\$4,122.72 686.66 \$4,809.38	Gorman & Peterson. Canney Bros.

TABLE No. 13.
SIDEWALKS LAID DURING THE SEASON OF 1891.

The whole cost of sidewalks is assessed to abutting property. Property owners are allowed to lay their own walks, subject to the inspection of this department. Men are employed and paid by the lineal foot to lay plank walks not laid by the owners. Stone walks laid by the city are laid by contract.

FIRST WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet.	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owners, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost.
4th st. N. E.....	13th av.....	18th av.....	West....	6	.....	.....	.....	1,371	1,371	
4th st. N. E.....	18th av.....	20th.....	Both....	6	.....	.....	.....	1,168	1,168	
5th st. N. E.....	1st av.....	2nd av.....	West....	6	132	.....	.....	.....	132	
Island av.....	North of G. N. Ry.....	.....	Inland.	6	1,756	100	.....	.....	1,856	
Marshall st.....	8th av. N. E.....	13th av. N. E.....	East....	6	1,392	334	.....	.....	1,726	
Marshall st.....	22d av. N. E.....	26th av. N. E.....	Both....	6	.....	.....	341	2,992	3,233	
2d st. N. E.....	13th av.....	25th av.....	Both....	6	.....	.....	267	2,528	2,795	
University av. N. E.....	Central av.....	5th av.....	Both....	6	76	.....	.....	.....	76	
University av. N. E.....	6th av.....	7th av.....	Both....	6	340	.....	.....	.....	340	
University av. N. E.....	18th av.....	20th av.....	Both....	6	.....	.....	.....	1,245	1,245	
					2,636	434	608	9,204	13,942	\$6,149.00

SECOND WARD.

Beacon st.	Pleasant st	Union st.	South..	6	.....	1,074	.....	1,074	.....	1,074
Delaware st.	Oak st.	Church st.	South..	6	.....	358	.....	358	.....	506
11th av. S. E.	6th st.	7th st.	East..	6	.....	225	.....	225	.....	358
4th av. S. E.	4th st.	5th st.	East..	6	.....	.....	.....	.....	.....	358
4th st. S. E.	2nd av.	3rd av.	North..	6	.....	.....	.....	.....	.....	218
4th st. S. E.	6th av.	7th av.	West..	6	.....	.....	.....	.....	.....	66
4th st. S. E.	7th av.	8th av.	North..	6	.....	.....	.....	.....	.....	212
4th st. S. E.	8th av.	9th av.	Both..	6	.....	.....	.....	.....	.....	278
4th st. S. E.	10th av.	11th av.	South..	6	.....	.....	.....	.....	.....	356
4th st. S. E.	11th av.	13th av.	North..	6	.....	.....	.....	.....	.....	504
4th st. S. E.	15th av.	16th av.	East..	6	.....	.....	.....	.....	.....	243
5th st. S. E.	3rd av.	4th av.	South..	6	.....	.....	.....	.....	.....	146
5th st. S. E.	4th av.	5th av.	North..	6	.....	.....	.....	.....	.....	284
5th st. S. E.	5th av.	6th av.	South..	6	.....	.....	.....	.....	.....	218
5th st. S. E.	15th av.	16th av.	North..	6	.....	.....	.....	.....	.....	358
14th av. S. E.	7th st.	3. N. Ry.	Both..	6	.....	.....	.....	.....	.....	734
14th av. S. E.	Talmadge av.	Division st.	West..	6	.....	.....	.....	.....	.....	410
14th av. S. E.	4th st.	5th st.	West..	12	.....	.....	.....	.....	.....	335
15th av. S. E.	University av.	4th st.	East..	6	.....	.....	.....	.....	.....	179
15th av. S. E.	6th st.	7th st.	West..	6	.....	.....	.....	.....	.....	244
15th av. S. E.	Talmadge av.	Division st.	East..	6	.....	.....	.....	.....	.....	200
15th av. S. E.	Comoa av.	Talmadge av.	South..	6	.....	.....	.....	.....	.....	120
Harvard st.	Universlty av.	Beacon st.	West..	6	.....	.....	.....	.....	.....	202
Harvard st.	Delaware st.	Beacon st.	East..	6	.....	.....	.....	.....	.....	636
9th av. S. E.	5th st.	8th st.	West..	6	.....	.....	.....	.....	.....	895
9th av. S. E.	3rd av.	5th av.	Both..	6	.....	.....	.....	.....	.....	1,323
Ontario st.	Essex st.	River road.	West..	6	.....	.....	.....	.....	.....	1,120
6th av. S. E.	5th st.	7th st.	East..	6	.....	.....	.....	.....	.....	537
6th st. S. E.	Central av.	2nd av.	South..	6	.....	.....	.....	.....	.....	350
6th st. S. E.	4th av.	6th av.	South..	6	.....	.....	.....	.....	.....	782
7th st. S. E.	Central av.	2nd av.	South..	6	.....	.....	.....	.....	.....	348
7th st. S. E.	7th av.	9th av.	North..	6	.....	.....	.....	.....	.....	484
7th st. S. E.	10th av.	11th av.	South..	6	.....	.....	.....	.....	.....	120
7th st. S. E.	11th av.	12th av.	North..	6	.....	.....	.....	.....	.....	247
16th av. S. E.	University av.	4th st.	East..	6	.....	.....	.....	.....	.....	224
Talmadge av.	11th av. S. E.	12th av. S.	South..	6	.....	.....	.....	.....	.....	142
Tuttle st.	Talmadge av.	Division st.	Both..	6	.....	.....	.....	.....	.....	448
12th av. S. E.	5th st.	6th st.	West..	6	.....	.....	.....	.....	.....	183
12th av. S. E.	Talmadge av.	Division st.	East..	6	.....	.....	.....	.....	.....	360
13th av. S. E.	Talmadge av.	Division st.	West..	6	.....	.....	.....	.....	.....	244
Union st.	Delaware st.	Beacon st.	West..	6	.....	.....	.....	.....	.....	716
University av. S. E.	15th av.	17th av.	North..	6	.....	.....	.....	.....	.....	358
				6	7,746	1,372	3,519	4,625	17,262	89,200.02

TABLE NO. 13.—Continued.

THIRD WARD

Street.	From	To—	Side	Width, feet.	Artificial stone walk laid by owner, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by owner, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Bradford av	7th av. N.	8th av. N.	West	6				60	60	
Crystal lake av	Penn av.	26th av. N.	North.	6				170	972	
Emerson av	8th av. N.	11th av. N.	West.	6				500	700	
8th av. N.	3d st.	3d st.	West.	6	210	42			232	
9th av. N.	Finerson av.	Bryant av.	Both.	6				970	1,331	
11th av. N.	Knox av.	26th av. N.	North.	6				221	1,221	
Fremont av.	Girard av.	26th av. N.	Both.	6				1,032	1,993	
4th st.	23d av. N.	26th av. N.	Both.	6				1,044	1,964	
5th av. N.	23d av. N.	3d st.	Both.	6	175				175	
5th st. N.	9th av.	10th av.	West	6				50	100	
5th st. N.	14th av.	15th av.	West	6				50	50	
Girard av.	25th av. N.	26th av. N.	Both.	6				678	737	
Girard av.	18th av. N.	20th av. N.	Both.	6				531	531	
Illion av.	James av.	20th av. N.	East.	4				254	254	
Irving av.	21st av.	Crystal lake av	Both.	4				824	824	
Logan av.	23d av.	26th av. N.	Both.	6			118		734	
Morgan av.	Crystal lake av	Hillside av.	South.	6				618	644	
Morgan av.	10th av. N.	Plymouth av.	Both.	6				544	544	
Newton av.	10th av. N.	Crystal lake av.	Both.	6				1,391	1,825	
Oak lake av	Hillside av.	Crystal lake av.	Both.	6				844	844	
Oliver av.	6th av. N.	7th av. N.	Both.	6				45	45	
Penn av.	21st av. N.	23d av. N.	East.	6				91	91	
Penn av.	6th av. N.	10th av. N.	Both.	6				180	180	
Penn av.	17th av. N.	19th av. N.	Both.	6						
Penn av.	19th av. N.	20th av. N.	West	6				711	801	
Plymouth av.	Washington av.	Crystal lake av	Both.	6				2341	2,341	
Plymouth av.	Washington av.	2d st.	Both.	6				593	593	
Queen av.	17th av. N.	18th av. N.	Both.	12	261				2,393	
Queen av.	150 ft. S. of 17th av. N.	18th av. N.	Both.	12	48				331	
Queen av.	123 ft. S. of 17th av. N.	18th av. N.	Both.	12					48	
Russell av.	6th av. N.	10th av.	Both.	6				1,225	1,225	
6th av. N.	3d st.	4th st.	West	6				978	276	
6th av. N.	4th st.	5th st.	East	6				136	128	
6th av. N.	5th st.	6th st.	Both.	6				942	2,442	
6th av. N.	Hogav.	10th av.	Both.	6					267	
6th av. N.	Humboldt av.	10th av.	Both.	6					115	
6th av. N.	Lyndale av.	10th av.	North.	6	54				3,015	
6th av. N.	Newton av.	10th av.	North.	6				1,730	1,154	
6th st. N.	6th st.	Plymouth av.	Both.	6	55			110	155	

REGISTRAR OF WATER WORKS REPORT.

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May 1.	Rent tool house for June, 1891	\$125 00
	Balsam	85
	One fork	80
	Sprinkling cans	95
	Saw	1 00
	Obats	110 00
	Pay roll May, 1891	648 91
June 2.	Repairing wagon	7 00
	Five gallons oil	45
	Tapping machine and fixture	130 75
	Lumber	38 50
	Lumber	120 00
	Repairing hydrants	13 81
	Bolts	15
	Bolts	42
	Hauling away ashes and rubbish	75
	Rent of tool house, July, 1891	125 00
	Supplies	3 85
	Wire cloth, etc.	2 25
	Telephone for May, 1891	6 00
	Telephone for June 1891	6 00
	Gas in May 1891	2 56
	Pay roll for June, 1891	1,193 03
	Transmitter on telephone	2 50
	Ice to July 1 at tool house.	6 75
July 31.	Packing	2 10
	Rent of tool house, August, 1891	125 00
	Elbs and unions	4 32
	Glass and paints	1 50
	Material	3 75
	140 pounds hay	14 91
	Telephone for July, 1891	6 00
	Pay roll for July, 1891	1,026 86
	Axle grease	2 70
Aug 31.	110 bushel oats	46 20
	Repairs on scraper	1 75
	Ice for tool house, July, 1891.	3 75
	Ratchet, etc.	21 95
	Gas for June, 1891	1 92
	Gas for July 1891	1 76
	Telephone for August, 1891.	6 00
	Jack screws	53
	Rent of tool house, September, 1891.	125 00
	Hardware	2 33
	Pay roll, August, 1891.	1,121 16
	Material	16 00
Sept 31.	Repairs	3 50
	Ice for tool house August, 1891	3 75
	Telephone for August, 1891.	6 00
	Labor and material	1 50
	Gas for August, 1891.	2 24
	Pay roll, September, 1891	884 77
	Material	14 20
	Directory	5 00
	Rent tool house, October, 1891	125 00
	Shaft and cross-bar	2 35
	Feed and hay	183 84
	Ice for September	3 75
Oct 31.	Lamp bracket	14
	Gas for September, 1891	1 04
	Gas for October, 1891	5 28
	Telephone for September, 1891	3 00
	Telephone for October, 1891	6 00
	Rent of tool house for November, 1891	125 00
	Printing 1,000 turn on blanks	4 00
	Paint and brush	1 85
	Pay roll for October, 1891	1,397 68
	Material	2 10
Nov. 31.	Material	3 25
	Lowering pipe" coal	3 50
	Coal	16 00
	Rubber boots	7 00
	Rubber boots	7 00
	Blacksmithing	31 45
	Rent tool house December, 1891.	125 00
Dec 31.	Repairing harness	4 50
	Belt punch, etc	2 20
	Boarding five horses	22 50
	Material	23 50
	Gas for November, 1891	6 58
	Telephone for November, 1891	6 00
	Pay roll for December, 1891	1,150 91
	Pay roll for November, 1891	1,080 84
	Telephone for July and September, 1891	6 00
	Oil etc	6 45
	Total	\$15,310 97

FIFTH WARD.

8th av. S.	3d st.	4th st.	East	8	120					120
6th av. S.	7th st.	8th st.	East	8						341
8th av. S.	8th st.	9th st.	South	8						278
18th st.	2d av. S.	3d av. S.	North	6						267
18th st.	Portland av.	Park av.	Both	6	100					50
18th st.	Chicago av.	10th av. S.	North	6						42
Franklin av.	Chicago av.	9th av. S.	Both	8				114		114
Franklin av.	9th av. S.	10th av. S.	South	8						60
1st av. S.	14th st.	16th st.	East	6				160		204
4th av. S.	6th st.	7th st.	Both	8	171					
5th av. S.	14th st.	15th st.	East	6	33					
5th st. S.	4th av.	5th av.	South	8	151	66				
5th av. S.	8th st.	9th st.	North	8						66
5th st. S.	9th av.	10th av.	South	8	179					
14th st.	Nicollet av.	2d av. S.	South	6	150					
14th st.	4th av. S.	5th av. S.	South	6						334
15th st.	Park av.	Chicago av.	South	6						138
15th st.	Chicago av.	9th av. S.	North	6	318					104
Grant st.	4th av. S.	5th av. S.	North	6	125					
Nicollet av.	Grant st.	14th st.	East	8						60
9th av. S.	6th st.	7th st.	Both	8	171					55
9th av. S.	17th st.	19th st.	East	6	118					
9th st. S.	8th av.	9th av.	North	8						108
19th st.	3d av. S.	Olinton av.	South	6				137		
19th st.	Olinton av.	5th av. S.	North	6	130					130
19th st.	5th av. S.	Portland av.	South	6						129
Stevens av.	14th st.	17th st.	West	6	41			104		249
Stevens av.	18th st.	Franklin av.	East	6						421
2d st. S.	5th av.	6th av.	North	15	213					
7th st. S.	2d av. S.	10th av.	North	8	146			113		
16th st.	5th av. S.	Clinton av.	South	6	134					
16th st.	5th av. S.	Chicago av.	North	6	464					
16th st.	Park av.	Chicago av.	South	6					45	
17th st.	1st av. S.	Stevens av.	North	6				149		
3d av. S.	11th st.	12th st.	East	8				134		
3d av. S.	15th st.	16th st.	East	6	100				47	
3d av. S.	Franklin av.	24th st.	East	6						101
10th av. S.	3d st.	4th st.	West	8	179					
10th av. S.	5th st.	6th st.	West	8	179					
10th av. S.	17th st.	18th st.	West	6					76	
22d st.	2d av. S.	3d av. S.	North	8	136					
22d st.	3d av. S.	Clinton av.	Both	6					422	
24th st.	4th av. S.	Portland av.	North	6					140	
Washington av. S.	8th av.	10th av.	South	18	196					
					2848	66	1010	4068	8969	\$10,190 60

TABLE No. 13.—Continued.
EIGHTH WARD.

STREET.	FROM—	TO—	SIDE.	Width, feet	Artificial stone walk laid by owners, feet.	Artificial stone walk laid by city, feet.	Plank laid by owners, feet.	Plank laid by city, feet.	Total length, feet.	Total cost
Harriet av	25th st	26th st	East	6	151		99	389	639	
Lake st	5th av. S.	Chicago av	Both	8				128	128	
Nicollet av	Franklin av	26th st	West	8	570			112	691	
Nicollet av	33d st	34th st	East	8			90	409	499	
Park av	24th st	32d st	Both	8	5,485	860			6,345	
Pleasant av	25th st	26th st	West	8				175	175	
Pleasant av	26th st	27th st	West	8				76	76	
Pleasant av	33d st	34th st	Both	8				998	998	
Queen av	21st st	N. line 8th ward	West	6	271				271	
Stevens av	26th st	27th st	West	6	500				500	
Stevens av	28th st	29th st	Both	6				324	324	
Stevens av	29th st	Lake st	Both	6				776	776	
Stevens av	29th st	Lake st	West	6				45	45	
Stevens av	24th st	25th st	West	6	56				56	
2d av. S.	25th st	26th st	West	6				92	92	
6½ av. S.	24th st	25th st	West	6				40	40	
6½ av. S.	27th st	28th st	West	6			87	460	556	
6½ av. S.	31st st	34th st	Both	6	176	40		293	469	
24th st	Portland av	6½ av. S.	South	8					40	
27th st	Pillsbury av	Lyndale av	North	6				984	984	
27th st	Pillsbury av	Garfield av	South	6				1,021	1,021	
27th st	5th av. S.	Chicago av	Both	6			134	301	525	
28th st	5th av. S.	Chicago av	South	8				47	47	
28th st	Dupont av	Hennepin av	North	8				923	923	
29th st	Nicollet av	Pleasant av	Both	6			256	1,942	2,200	
29½ st	Nicollet av	Pleasant av	North	6			303	776	1,079	
31st st	Nicollet av	Blaisdell av	North	6				363	363	
32d st	1st av. S.	3d av. S.	South	8				275	275	
32d st	Portland av	Park av	North	8				253	253	
32d st	Blaisdell av	Pillsbury av	Both	8				425	608	
32d st	Nicollet av	Pillsbury av	Both	6	30		178	766	766	
					8,079	1,006	2,818	19,311	31,304	\$13,442.82

NINTH WARD.

Adams st.	4th av. NE.	18th av. NE.	Both.	4,387	306	4,065
Central av.	Broadway st.	20th av.	Both.	310		4,353
18th av. NE.	Monroe st.	20th av.	East.		186	2,448
18th av. NE.	Flintmore st.	Both.	Both.		798	2,082
18th av. NE.	Central av.	Both.	North.		547	547
18th av. NE.	Central av.	Both.	South.	48	766	1,852
4th av. NE.	Central av.	Both.	North.		100	304
4th av. NE.	Madison st.	Both.	South.	280	343	378
Jackson st.	18th av. NE.	Both.	Both.	267	51	304
Jefferson st.	Spring st.	Both.	East.	628	497	617
Jefferson st.	Spring st.	Both.	West.	1,105		1,195
Jefferson st.	24th av. NE.	Both.	Both.		1,060	2,410
Lincoln st.	Spring st.	Both.	Both.	1,105		1,105
Monroe st.	Spring st.	Both.	Both.			316
Pierce st.	Division st.	Both.	Both.		418	789
Polk st.	24th av. NE.	Both.	Both.		1,120	2,627
Quincy st.	5th av. NE.	Both.	Both.	489	80	1,628
Spring st.	Jefferson st.	Both.	Both.	192		364
17th av. NE.	Jefferson st.	Both.	Both.	608		1,824
18th av. NE.	Washington av.	Both.	Both.		140	1,136
18th av. NE.	Washington av.	Both.	Both.		616	1,712
20th av. NE.	Jackson st.	Both.	North.		1,526	2,338
20th av. NE.	Flintmore st.	Both.	Both.	100	1,130	2,344
20th av. NE.	Monroe st.	Both.	Both.		272	2,411
20th av. NE.	Monroe st.	Both.	Both.			1,272
				9,746	306	41,919
						22,680
						\$19,517 97

TENTH WARD.

Premont av.	26th av. N.	27th av. N.	Both.			1,216
Penn av.	26th av. N.	34th av. N.	West.			3,643
Penn av.	26th av. N.	34th av. N.	East.			611
3d st. N.	26th av.	29th av.	Both.		185	2,323
26th av. N.	2d st.	Washington av.	South.		354	354
26th av. N.	2d st.	Washington av.	Both.		998	3,013
26th av. N.	4th st.	Emerson av.	Both.			2,046
26th av. N.	2d st.	Washington av.	North.			391
31st av. N.	2d st.	Washington av.	North.		271	344
33d av. N.	R R	Washington av.	South.		163	524
33d av. N.	Washington av.	Penn av.	Both.		1,468	4,458
Washington av. N.	34th av.	34th av.	Both.		440	2,442
Washington av. N.	34th av.	34th av.	West.		539	539
					5,504	21,975
						13,512
						\$18,890 89

TABLE NO. 13.—Continued.
ELEVENTH WARD.

STREET.	FROM—	TO—	SIDE.	Width feet.	Artificial stone walk laid by own- ers, feet.	Artificial stone walk laid by city, feet.	Plank walk laid by own- ers, feet.	Plank walk laid by city, feet.	Total length, feet.	Total cost
Butler place.....	22nd av. S.....	23rd av. S.....	South.....	4	.....	.....	202	.....	202	
Cedar av.....	7th st.....	Franklin av.....	East.....	8	.....	.....	61	.....	61	
8th st. S.....	11th av.....	13th av.....	South.....	8	.....	.....	70	.....	70	
8th st. S.....	16th av.....	17th av.....	North.....	8	.....	.....	.....	110	110	
9th st. S.....	20th av.....	21st av.....	Both.....	8	.....	.....	179	230	409	
19th st.....	17th av.....	R. R.....	Both.....	6	.....	.....	.....	220	220	
7th st. S.....	10th av.....	12th av.....	South.....	8	132	.....	.....	.....	132	
7th st. S.....	13th av.....	16th av.....	South.....	8	60	.....	.....	.....	60	
7th st. S.....	19th av.....	20th av.....	South.....	8	.....	.....	.....	146	146	
7th st. S.....	Riverside av.....	22nd av.....	South.....	8	.....	.....	225	100	100	
16th av. S.....	7th st.....	8th st.....	West.....	8	.....	.....	.....	.....	225	
20th av. S.....	7th st.....	Franklin av.....	Both.....	8	.....	.....	.....	113	113	
22nd st.....	18th av. S.....	Cedar av.....	North.....	8	.....	.....	143	.....	143	
24th av. S.....	Riverside av.....	Franklin av.....	West.....	8	.....	.....	.....	22	22	
					201		880	941	2,022	\$2,907.54

TWELFTH WARD.

41st av. S.....	52nd st.....	53rd st.....	West.....	6	617	.....	.....	.....	617	
53½ st.....	31st av.....	34th av.....	South.....	6	.....	.....	542	.....	542	
9th av. S.....	34th st.....	36th st.....	Both.....	6	.....	.....	.....	2,402	2,402	
10th av. S.....	34th st.....	36th st.....	Both.....	6	60	.....	824	213	1,007	
12th av. S.....	35th st.....	36th st.....	Both.....	8	.....	.....	.....	773	775	
24th av. S.....	49th st.....	54th st.....	West.....	6	.....	.....	830	1,120	1,950	
38th st.....	Chicago av.....	10th av. S.....	South.....	6	.....	.....	267	272	539	
					677		2,463	4,782	7,922	\$1,601.48

THIRTEENTH WARD.

Chicago av.....	35th st.....	36th st.....	West.....	6	.....	.....	.....	554	554	
Lyndale av.....	34th st.....	35th st.....	East.....	8	.....	.....	.....	613	613	
Portland av.....	34th st.....	36th st.....	East.....	8	.....	.....	1,321	1,760	3,081	
Portland av.....	37th st.....	38th st.....	West.....	8	.....	.....	.....	1,223	1,223	
34th st.....	Nicollet av.....	Chicago av.....	South.....	8	.....	.....	130	2,101	2,240	
							1,400	6,261	7,711	\$2,020.44

SUMMARY OF TABLE NO. 13.

WARD.	LENGTH.				Total cost.
	Artificial stone walk laid by owners	Artificial stone walk laid by city.	Plank walk laid by owners	Plank walk laid by city.	
	Feet.	Feet.	Feet.	Feet.	
First.....	2,636	434	608	9,204	\$6,149.00
Second.....	7,746	1,372	3,519	4,625	9,200.02
Third	2,138	195	8,956	35,231	17,280.67
Fourth.....	9,542	175	2,797	19,247	16,202.25
Fifth	2,848	66	1,010	4,068	10,190.60
Sixth... ..	1,441	.....	3,954	6,353	8,310.54
Seventh.....	3,103	.....	3,449	9,324	4,135.08
Eighth.....	8,079	1,096	2,818	19,311	13,444.82
Ninth.....	9,746	208	9,186	22,869	13,517.97
Tenth.....	.....	.....	5,563	15,512	4,880.59
Eleventh....	201	.....	880	941	2,907.54
Twelfth.....	677	.....	2,463	4,782	1,691.48
Thirteenth....	.....	.....	1,460	6,251	2,020.44
Totals.....	48,157	6,546	46,663	157,718	\$109,931.00

49.07 miles

TABLE NO. 14.
SIDEWALKS ORDERED FOR 1902.
FIRST WARD

STREET.	FROM --	TO --	SIDE.	Width, feet.	No of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone Ft. 10ths	Plank, Ft. 10ths.	Artificial stone.	Plank.
8th av. N. E.	River.	2d st.	Both.	6	1	2,794 3	..	81,678 58	..
4th st. N. E.	2d st.	University av.	South.	6	2	186	..	96 00	..
4th st. N. E.	1st av.	2d av.	West.	6	3	424 5	..	254 70	..
4th st. N. E.	Broadway st.	16th av.	Both.	6	4	..	2,872 5	..	8 660 40
4th st. N. E.	20th av.	27th av.	Both.	6	5	..	5,278 9	..	1,286 92
5th av. N. E.	Main st.	University av.	Both.	6	6	1,440	..	944 00	..
5th st. N. E.	2d av.	4th av.	West.	6	7	335 5	..	201 30	..
14th av. N. E.	4th st.	4th st.	Both.	6	8	..	207 5	..	40 80
14th av. N. E.	Gt. N. Ry.	Bridge st.	Inland.	6	9	841 9	..	505 14	..
Main st. N. E.	5th av.	Broadway st.	West.	12	10	1,794 5	..	2,093 16	..
Main st. N. E.	6th av.	Broadway st.	East.	11	11	738 8	..	436 08	..
Ramsey st.	8th av. N. E.	8th av. N. E.	Both.	6	12	..	1,716 5	..	411 06
2d st. N. E.	2d av.	3d av.	East.	6	13	..	..	..	..
2d st. N. E.	6th av.	Broadway st.	Both.	6	14	3,165	..	1,609 60	..
6th av. N. E.	Marshall st.	Main st.	South.	6	15	..	177	..	42 46
6th av. N. E.	University av.	5th st.	North.	6	16	..	717	..	172 06
8th av. N. E.	4th st.	5th st.	South.	6	17	..	359	..	85 92
7th av. N. E.	Marshall st.	8th st.	Both.	6	18	..	1,408 1	..	337 94
7th av. N. E.	Main st.	University av.	Both.	6	19	1,250	..	755 40	..
13th av. N. E.	Marshall st.	Main st.	South.	6	20	..	346	..	83 04
22d av. N. E.	Marshall st.	2d st.	Both.	6	21	..	2,437 9	..	586 10
25th av. N. E.	Marshall st.	5th st.	Both.	6	22	..	4,647 5	..	1,163 43
University av. N. E.	1st av.	3d av.	East.	6	23	182	..	97 30	..
University av. N. E.	5th av.	Broadway st.	East.	6	24	1,199 5	..	713 10	..
						14,282 0	20,396 9	90,580 68	4,988 08

*All built.

TABLE NO. 32.

*Showing in Detail Expenditures on Account of Extension No. 581, in East
Twenty-eighth St., Across Park Ave.*

Dec. 15.	Labor, tools, etc.	\$62 10
	Six inch pipe	51 02
	Six inch pipe connections	4 45
	One hundred and fifty pounds lead	8 18
	Three hundred and seventeen pounds specials.	7 14
	Total	\$133 97

TABLE NO. 33.

*Showing in Detail Expenditures on Account of Extension No. 589, in North
Aldrich Ave. and Twentieth Ave. N. to Twenty-second Ave. N.*

Dec. 15	Labor tools etc.	\$335 72
	Six inch pipe	400 30
	Six inch pipe connections	5 21
	Two hydrants	73 00
	Two six-inch gates	25 50
	Six hundred and thirty two pounds lead	26 04
	Six hundred and seven pounds specials.	13 66
	Total	\$870 43

TABLE NO. 34.

*Showing in Detail Expenditures on Account of Extension No. 590 in Blau-
dell Ave. from W. Twenty-seventh to W. Twenty-eighth Sts.*

Dec. 15	Labor tools, etc.	\$334 34
	Six-inch pipe	318 61
	Six-inch hydrant pipe	28 06
	One hydrant	35 50
	One six-inch gate	12 75
	Five hundred and fourteen pounds lead	21 18
	Six hundred and fifty-four pounds specials	14 71
	Total	\$785 05

TABLE NO. 35.

*Showing in Detail Expenditures on Account of Extension No. 591 in Bryant
Ave. South from W. Franklin to W. Twenty-fourth St.*

Dec. 15	Labor, tools, etc.	\$453 31
	Six-inch pipe	644 40
	Six-inch hydrant pipe	7 79
	Three hydrants	109 50
	Two six-inch gates	25 50
	Nine hundred and ninety-two pounds lead	40 87
	Seven hundred and seventy eight pounds specials	17 50
	Total	\$1,298 87

TABLE NO. 36.

*Showing in Detail Expenditures on Account of Extension No. 592 in South
Bryant Ave from W. Twenty-sixth St. to W. Twenty-seventh St.*

Dec. 15	Labor, tools, etc.	\$336 63
	Six-inch pipe	361 80
	Six inch hydrant pipe	5 21
	Two hydrants	73 00
	One six-inch gate	12 75
	Six hundred and two pounds lead	24 80
	Six hundred and eighty-nine pounds specials	15 50
	Total	\$829 69

TABLE No. 14.—Continued.
THIRD WARD.

STREET	FROM	TO	Stm.	Width.	No. of basements	Length assessed.		Amt. of assessment	
						Artificial stone, Ft. 10ths.	Plank Ft. 10ths.	Artificial stone.	Plank
2d st N	14th av.	22d av.	Both	8	63	712	4785	500 00	1342 40
6th av N	2d st	Wash av	Both	8	64	450		260 00	
6th av N	4th st	5th st	Both	8	65	64 6		38 76	
6th av N	15th av	18th av	West	6	66		606		167 04
6th av N	22d av	24th st	Both	6	67	176		106 80	
7th av N	In front of lot 10, block 90.	Minneapolis	Both	6	68	227 9		436 74	
7th av N	Wash av	2d st	Both	6	69		701		166 74
7th av N	3d st	4th st	Both	6	70		552 3		132 53
7th av N	6th st	Hoag av	Both	6	71		601 1		144 24
7th av N	Hoag av	Oak lake av	South	6	72		380		84 00
16th av N	1st st	2d st	North	6	73		591		166 54
16th av N	Wash av	5th st	North	6	74		273		65 52
16th av N	6th st	6th st	Both	6	75		1,000 4		261 06
17th av N	Penn av	Russell av	Both	6	76	59 4		66 31	
3rd av N	3rd st	4th st	West	12	77	55		38 00	
3rd st N	In front of lot 8, blk.	Moore's addition	Both	16	78	375 5		634 22	
3rd st N	3rd av	Box over 4th av.	Both	8	79	1,031		801 80	
3rd st N	Box over 4th av.	6th av	Both	8	80		600 2		167 74
3rd st N	12th av	Plymouth av	East	6	81		686 6		167 71
3rd st N	15th av	16th av	East	6	82		126 8		30 47
12th av N	Washington av	8th st	North	6	83		156 5		
12th av N	4th st	Lyndale av	South	6	84		125		
12th av N	6th st	Lyndale av	South	6	85		1,305 3		
12th av N	In front of lot 5, blk. 1	Gale's 2nd addition.	North	6	86				
12th av N	In front of lot 5 and 6, blk.	18 Minneapolis	North	6	87				
20th av N	Washington av	Lyndale av	North	6	88				
Exc in front of lot 5 and	6, blk. 18 Minneapolis.	Aldrich av	North	6	89				
20th av N	Lyndale av	Aldrich av	North	6	90				
21st av N	Oliver av	Penn av	Both	6	91		175 5		42 36
22nd av N	Lyndale av	Aldrich av	North	6	92		532 8		127 64
22nd av N	Oliver av	Aldrich av	South	6	93		326 0		78 45
22nd av N	Lyndale av	Irving av	Both	6	94		327 8		78 47
22nd av N	Lyndale av	Irving av	Both	6	95		1,005 6		436 72
22nd av N	Lyndale av	Aldrich av	North	6	96		327 8		78 45
22nd av N	Irving av	Dupont av	North	6	97		1,361 2		267 08

-All built

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[illegible]

THE GREAT WAR.

	4th av N	5th av N	5th av N	5th av N	East
Aldrich av	in front of	4 and 5, b	5 Stinson's ad-	dition	1
Aldrich av	in front of	1, 2 and 4	b 4 Stinson's ad-	dition	2
Aldrich av	in front of	1, 2 and 4	b 4 Stinson's ad-	dition	3
Cedar Lake road					4
Clinton place					5
Clinton place					6
Clinton place					7
Clinton place					8
Clinton place					9
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Clinton place					94
Clinton place					95
Clinton place					96
Clinton place					97
Clinton place					98
Clinton place					99
Clinton place					100

*All built

SIDEWALKS ORDERED FOR THE YEAR 1903.

FOURTH WARD

STREET	FROM-	TO-	Size.	Width, feet.	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank
Hawthorn av	1st av N	10th st	Both	0	24	277 5		166 50	
Hawthorn av	11th st	18th st	East	0	25				
Hawthorn av	Bryant av	Colfax av	Both	0	26		584		140 15
Hawthorn av	10th st	12th st	Both	0	27	628		376 80	
Hawthorn av	Douglas av	Mt Curve av	West	0	28		417 8		100 27
Hawthorn av	Mt Curve av	Douglas av	East	0	29		517		134 08
Hawthorn av	Mt Curve av	Douglas av	East	0	30		517		134 08
Hawthorn av	Railroad	Odor Lake road	South	0	31		2,222 3		523 26
Hawthorn av	Hennepin av	DuPont av	North	0	32		683 5		164 04
Hawthorn av	1 and 2 b 29, Wilson, Bell & Lyndale av	Wagner's addition	Both	0	33	108 5		65 10	
Hawthorn av	Hennepin av	Lyndale av	Both	0	34		843 4		202 41
Hawthorn av	Western av	Hennepin av	East	0	35		1,076 0		268 45
Hawthorn av	Erie av	Hennepin av	Both	0	36		2,082 1		404 00
Hawthorn av	14, b 225, Wells, S & R's	Hennepin av	Both	0	37	180		108 00	
Hawthorn av	12th st	Hennepin av	Both	0	38	432 1		271 26	
Hawthorn av	Fremont av	Humboldt av	Both	0	39		948 4		227 13
Hawthorn av	Humboldt av	Kenwood boul	North	0	40		1,226		294 24
Hawthorn av	Lugan av	Kenwood boul	North	0	41		100		45 00
Hawthorn av	1 1/2, b 27, Snyder & Co's 1st addition	addition	West	0	42	185		148 00	
Hawthorn av	1 1/2, b 5, J S Johnson's ad	addition	West	0	43	66		52 80	
Hawthorn av	1 1/2, b 5, J S Johnson's ad	addition	West	0	44	107		84 20	
Hawthorn av	1 1/2, b 5, J S Johnson's ad	addition	West	0	45	273		153 80	
Hawthorn av	1st av S	Western av	Both	0	46				
Hawthorn av	7th st	Western av	West	0	47				
Hawthorn av	of 1 3, 4, 5 and 6 b 4, Ridge-	wood addition	East	0	48	335 9		105 34	
Hawthorn av	Kenwood boul	4th ward line	Both	0	49			439 72	
Hawthorn av	14th st	Oak Grove st	Both	0	50	753 5		430 98	
Hawthorn av	Hennepin av	Lyndale av	South	0	51		140		35 75
Hawthorn av	b 60, Hoag's addition	Lyndale av	South	0	52	173		143 20	
Hawthorn av	8th st	Hoag av	East	0	53	330		234 44	
Hawthorn av	Hoag av	Oak Lake av	South	0	54			210 00	
Hawthorn av	Rockston av	Lyndale av	South	0	55				
Hawthorn av	Colfax av	DuPont av	South	0	56	300		180 00	
Hawthorn av	Nicollet av	1st av	South	0	57	90		75 20	
Hawthorn av	Nicollet av	1st av	South	0	58				60 84

TABLE No. 14.—Continued:
FIFTH WARD.

STREET.	From	To—	Stdg.	Width, feet.	No. of assessments made.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft., 10ths.	Plank, Ft., 10ths.	Artificial stone.	Plank.
1st av. S.	Grant st.	14th st.	East	8	21	.....	108.5	.....	\$68.04
1st av. S.	14th st.	15th st.	Both	8	22	.....	356	.....	61.30
4th av. S.	14th st.	Grant st.	East	8	33	.....	317.2	.....	32.13
4th av. S.	17th st.	10th st.	East	8	34	.....	100	.....	24.00
4th av. S.	8th av.	9th av.	Both	8	26	.....	984	.....	236.16
5th av. S.	10th st.	11th st.	South	8	28	.....	.....	.....	.....
5th av. S.	10th st.	11th st.	East	8	27	170	.....	\$124.00	.....
5th av. S.	11th st.	Grant st.	East	8	28	185	.....	146.00	.....
5th av. S.	11th st.	Grant st.	West	8	30	.....	123	.....	34.44
5th av. S.	14th st.	15th st.	West	8	30	.....	56.5	.....	30.75
5th av. S.	14th st.	Franklin av.	East	8	32	217	.....	130.30	64.08
5th av. S.	22nd st.	34th st.	East	8	34	.....	300.1	.....	73.02
5th av. S.	34th st.	8th av.	South	8	35	60	.....	52.80	.....
5th st.	7th av.	8th av.	North	8	36	380	.....	287.50	.....
14th st.	Nicollet av.	Stevens av.	North	8	37	.....	324	.....	55.16
14th st.	Nicollet av.	2nd av. S.	South	8	37	.....	244	.....	69.56
14th st.	3rd av. S.	Clinton av.	South	8	38	.....	142	.....	34.08
14th st.	4th av. S.	5th av. S.	South	8	39	.....	137.5	.....	31.00
14th st.	Portland av.	Park av.	South	8	40	.....	400.8	.....	94.70
14th st.	Park av.	Chicago av.	South	8	41	.....	600.3	.....	144.24
15th st.	Nicollet av.	1st av. S.	North	8	41	.....	302.7	.....	72.64
15th st.	1st av. S.	Stevens av.	South	8	43	.....	.....	.....	.....
15th st.	5th av. S.	6th av. S.	South	8	44	.....	17.5	.....	18.82
Grant st.	Stevens av.	2nd av. S.	South	8	45	.....	277	.....	66.43
Grant st.	2nd av. S.	3rd av. S.	South	8	45	.....	19	.....	31.00
Grant st.	4th av. S.	5th av. S.	South	8	47	.....	40	.....	19.50
Grant st.	4th av. S.	14th st.	North	8	48	.....	270.4	.....	87.08
Nicollet av.	Grant st.	14th st.	East	8	49	.....	10	.....	14.08
Nicollet av.	14th st.	24th st.	East	8	50	.....	416	.....	116.33
5th av. S.	4th st.	5th st.	West	8	51	.....	240	.....	61.50
5th av. S.	15th st.	Franklin av.	West	8	52	.....	706.3	.....	166.32
5th av. S. In front of rear 1/4 lot 6 block 118.	Franklin av.	Minneapolis	West	8	54	.....	.....	.....	140.87

*All built.

FIFTH WARD

17th st. S.	1st av.	2nd av.	Both.	55	180	331	\$150.20	\$70.44
18th st. S.	Chicago av.	9th av. S.	South.	56	180	331	...	12.00
18th st.	Nicollet av.	1st av. S.	South.	56	180	331	...	66.72
18th st.	Chicago av.	10th av. S.	North.	56	180	331	...	160.84
Stevens av.	14th st.	15th st.	Both.	56	180	331	...	181.92
Stevens av.	16th st.	17th st.	East.	56	180	331	...	101.72
Stevens av.	18th st.	20th st.	East.	56	180	331	...	12.00
2nd av. S.	5th st.	6th st.	East.	56	180	331	...	...
2nd av. S.	Grant st.	14th st.	East.	56	180	331	...	...
2nd av. S.	4th av.	16th st.	East.	56	180	331	...	...
6th st. S.	2nd av.	3rd av.	South.	56	180	331	...	...
6th st. S.	2nd av.	4th av.	South.	56	180	331	...	...
6th st. S.	6th av.	7th av.	South.	56	180	331	...	...
6th av. S.	Franklin av.	8th av.	North.	56	180	331	...	...
6th av. S.	Franklin av.	22nd st.	North.	56	180	331	...	...
7th av. S.	Franklin av.	24th st.	West.	56	180	331	...	...
7th av. S.	Franklin av.	9th st.	West.	56	180	331	...	...
16th st.	1st av. S.	Stevens av.	East.	56	180	331	...	...
16th st.	Stevens av.	1st av. S.	North.	56	180	331	...	...
16th st.	2nd av. S.	2nd av. S.	South.	56	180	331	...	...
16th st.	Portland av.	Clinton av.	South.	56	180	331	...	...
16th st.	Park av.	Park av.	Both.	56	180	331	...	...
17th st.	Nicollet av.	Chicago av.	South.	56	180	331	...	...
17th st.	Stevens av.	1st av. S.	South.	56	180	331	...	...
17th st.	Stevens av.	2nd av. S.	South.	56	180	331	...	...
17th st.	10th av. S.	10th av. S.	North.	56	180	331	...	...
3rd av. S.	11th st.	11th st.	South.	56	180	331	...	...
3rd av. S.	11th st.	Grant st.	East.	56	180	331	...	...
3rd av. S.	Franklin av.	24th st.	East.	56	180	331	...	...
10th av. S.	4th st.	5th st.	West.	56	180	331	...	...
10th av. S.	18th st.	19th st.	West.	56	180	331	...	...
10th av. S.	22nd st.	24th st.	West.	56	180	331	...	...
21st.	3rd av.	4th av.	South.	56	180	331	...	...
22nd st.	9th av. S.	16th av. S.	Both.	56	180	331	...	...
22nd st.	Clinton av.	12th av. S.	South.	56	180	331	...	...
22nd st.	5th av. S.	Portland av.	South.	56	180	331	...	...
24th st.	Chicago av.	9th av. S.	South.	56	180	331	...	...
Wash. av. S.	10th av. S.	10th av. S.	North.	56	180	331	...	...
*Wash. av. S.	8th av.	9th av.	South.	56	180	331	...	...
All built.				4,216.9	19,787.6	83,866.73	\$4,640.00	...

TABLE No. 14—(Continued).
SIXTH WARD.

STREET.	FROM—	TO—	SIDE.	Width. ft.	No. of assess- ment roll.	Length assessed.		Amt of assessment.	
						Artificial stone. ft. 10ths.	Plank. ft. 10ths.	Artificial stone.	Plank.
Cedar av	Washington av	3d st	Both	15	1	650		\$351.21	
Cedar av	4th st	5th st	Both	15	15	180		245.00	
11th av. S	Washington av	2d st	West.	15	15	85		82.00	
11th av. S	Washington av	3d st	East.	8	8	85		82.00	
1st st. S	12th av.	14th av	South	8	8		212		850.35
1st st. S	In front of Lot 2, Blk. 6, Han-	cock & Rice's addition.		8	8		140		14.00
4th st. S	14th av.	15th av.	North	8	8		100		44.80
4th st. S	Riverside av.	16th av.	South	8	8		121		53.85
4th st. S	21st av.	22d av.	North	8	8				
4th st. S	In front of Lot 7 and 8, Blk.	4, Atwater's addition		10	10		124		34.72
5th st. S	10th av.	11th av.	North	8	8		62		17.35
5th st. S	12th av.	13th av.	Both	8	8		106		40.30
5th st. S	12th av.	13th av.	Both	8	8		647.1		181.15
5th st. S	12th av.	13th av.	Both	8	8		259		81.82
5th st. S	Cedar av	23d av.	North	8	8		144		40.32
5th st. S	23d av.	24th av.	North	8	8		300		85.02
14th av. S	2d st	7th st.	East.	8	17		350		100.52
14th av. S	6th st.	7th st.	East	8	8		312		89.38
14th av. S	4th st	5th st.	Both	8	8				
14th av. S	In front of rear 37 ft., Lot 1,	Blk. 16, Atwater's addition.		8	8		74		17.75
Locust st	2d av. S. to north-easterly	line, Atwater's ad addition.	South	8	8		306		86.34
19th av. S	Bluff st.	1st st.	East.	8	21		30		12.00
19th av. S	2d st.	Washington av.	East.	12	22		180		50.49
19th av. S	Washington av.	2d st.	Both	8	24		718.8		251.23
19th av. S	In front of Lots 8 and 9, Blk.	3, Hancock & Rice's add.		8	25		127.4		35.67
19th av. S	Rear 40 ft. of Lot 6, Blk. 170,	Minneapolis.		8	25		40		11.20
Riverside av.	Cedar av	7th st.	Both	14	27		1,170.6		337.22
2d st. S	10th av.	11th av.	Both	14	28	108		216.30	
2d st. S	10th av.	11th av.	Both	14	29		710		200.46
2d st. S	10th av.	11th av.	Both	8	30		358		100.24
2d st. S	In front of Lot 1, Blk. 2, Han-	cock & Rice's addition.	North	12	31		358		37.00
4th st. S	11th av.	12th av.	North	8	32		248		60.44
4th st. S	11th av.	12th av.	Both	8	33		140		30.39

SIXTH WARD

6th st. S.	10th av.	In front of Lot 1, Blk. 11, At water's addition	20th av.	North	44	132	136 06
6th st. S.	In front of Lot 8, Blk. 16, At	water's addition	10th av.	North	45	53	15 40
6th st. S.	In front of Lot 1 and 2, Blk. 18, Minneapolis	10th av.	10th av.	North	46	149	40 06
7th st. S.	15th av.	20th av.	10th av.	North	47	278	60 00
7th st. S.	22d st.	15th av.	10th av.	North	48	332	15 84
7th st. S.	22d st.	15th av.	10th av.	North	49	132	38 06
7th st. S.	22d st.	15th av.	10th av.	North	50	55	32 00
7th st. S.	22d st.	15th av.	10th av.	North	51	442	179 76
7th st. S.	22d st.	15th av.	10th av.	North	52	358	19 94
7th st. S.	22d st.	15th av.	10th av.	North	53	228	63 84
7th st. S.	22d st.	15th av.	10th av.	North	54	640	159 00
7th st. S.	22d st.	15th av.	10th av.	North	55	228 30	..
7th st. S.	22d st.	15th av.	10th av.	North	56	117 00	..
7th st. S.	22d st.	15th av.	10th av.	North	57	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	58	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	59	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	60	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	61	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	62	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	63	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	64	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	65	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	66	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	67	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	68	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	69	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	70	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	71	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	72	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	73	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	74	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	75	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	76	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	77	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	78	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	79	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	80	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	81	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	82	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	83	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	84	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	85	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	86	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	87	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	88	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	89	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	90	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	91	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	92	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	93	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	94	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	95	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	96	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	97	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	98	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	99	66 00	..
7th st. S.	22d st.	15th av.	10th av.	North	100	66 00	..

*All built

SEVENTH WARD

Bloomington av.	24th st.	25th st.	Both	1	1,146 8	275 20
Cedar av.	24th st.	25th st.	Both	2	944 5	180 44
Chicago av.	24th st.	25th st.	Both	3	1,224 7	431 75
Chicago av.	24th st.	25th st.	Both	4	3,292 9	283 02
Chicago av.	24th st.	25th st.	Both	5	7,079	787 86
Chicago av.	24th st.	25th st.	Both	6	566 1	1,609 06
Chicago av.	24th st.	25th st.	Both	7	534 3	135 70
Chicago av.	24th st.	25th st.	Both	8	2,092 4	153 21
Chicago av.	24th st.	25th st.	Both	9	2,092 4	494 18

TABLE NO. 14.—Continued.
SEVENTH WARD.

STREET.	FROM—	TO—	WIDE.	Width, feet	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths	Plank, Ft. 10ths	Artificial stone.	Plank.
16th av. S.	27th st.	28th st.	Both.	6	10		689.7		\$215.94
17th av. S.	In front of L. 1, B. 2.	Gilpatrick's add.	Both.	11	11		154		43.12
18th av. S.	25th st.	26th st.	Both.	12	12		1,203.4		300.25
19th av. S.	34th st.	35th st.	Both.	13	13		3,698.5		872.80
20th av. S.	37th st.	38th st.	West.	14	14		612.4		146.98
21st av. S.	In front of L. 1, 2 and 3, B. 3	Gilpatrick's add.	Both.	15	15		169.6		47.48
22nd st.	17th av. S.	18th av. S.	Both.	16	16		1,101.2		308.34
23rd st.	14th av. S.	Cedar av.	Both.	17	17		1,007.2		400.01
24th st.	13th av. S.	Hinwatha av.	Both.	18	18		638.4		160.74
25th st.	Cedar av.	14th av. S.	North.	19	19		1,003.4		260.07
26th st.	17th av. S.	18th av. S.	Both.	20	20		1,068		281.12
27th st.	Chicago av.	10th av. S.	Both.	21	21		1,079.7		259.12
28th st.	Chicago av.	10th av. S.	Both.	22	22		1,068.8		260.66
29th st.	Chicago av.	10th av. S.	Both.	23	23		835		233.79
30th st.	Bloomington av.	10th av. S.	North.	24	24		1,470.5		411.76
							34,708.0		\$8,086.81

EIGHTH WARD.

STREET.	FROM—	TO—	WIDE.	Width, feet	No. of assessments.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths	Plank, Ft. 10ths	Artificial stone.	Plank.
Aldrich av.	29th st.	Lake st.	Both.	6	1	1,308.5	670	\$735.10	\$182.24
Blaisdell av.	24th st.	25th st.	West.	6	2		514		143.92
Bryant av.	24th st.	25th st.	East.	6	3		590.7		154.56
Cumtun av.	In front of lots 4, 5 and 7.	Block 10, Galtin's addition	East.	6	4		138		33.12
Columbus av.	24th st.	Lake st.	East.	6	5		1,211.8		290.94
Columbus av.	H. & D. E. R.	Lake st.	East.	6	6		576.9		136.45
Dupont av.	24th st.	Lake st.	West.	6	7		612.9		144.70
Dupont av.	24th st.	Hennequin av.	East.	6	8		1,044.5		260.71
Franklin av.	Nicollet av.	Blaisdell av.	South.	6	9	880.9		800.32	
Fremont av.	24th st.	H. & D. E. R.	West.	6	10		530.6		129.51
5th av. S.	27th st.	28th st.	West.	6	11		606.2		146.40
5th av. S.	28th st.	29th st.	Both.	6	12		2,248		638.19
5th av. S.	In front of lot 4, block 2.	Reede's 3d addition.	Both.	6	13	30		30.00	

ENGINEER'S REPORT.

EIGHTH WARD									
Lyndale av	20th st	Lake st	West	4	15	523 5	..	4157 78	
Motor av	21st st	32d st	Both	4	16	175 66	..	175 66	
Nicollet av	31st st	Lake st	West	4	17	175 67	\$404 80	175 67	
Park av	31st st	32d st	West	4	18	..	50 20	..	
Pillsbury av	31st st	32d st	East	4	19	..	..	104 72
Pleasant av	31st st	32d st	Both	4	20	..	..	160 40
Pleasant av	31st st	32d st	Both	4	21	..	..	201 03
Pleasant av	31st st	32d st	Both	4	22	..	..	..
Pleasant av	31st st	32d st	Both	4	23	..	..	..
Pleasant av	31st st	32d st	Both	4	24	..	..	..
Pleasant av	31st st	32d st	Both	4	25	..	..	..
Pleasant av	31st st	32d st	Both	4	26	..	..	..
Pleasant av	31st st	32d st	Both	4	27	..	..	..
Pleasant av	31st st	32d st	Both	4	28	..	..	..
Pleasant av	31st st	32d st	Both	4	29	..	..	..
Pleasant av	31st st	32d st	Both	4	30	..	..	..
Pleasant av	31st st	32d st	Both	4	31	..	..	..
Pleasant av	31st st	32d st	Both	4	32	..	..	..
Pleasant av	31st st	32d st	Both	4	33	..	..	..
Pleasant av	31st st	32d st	Both	4	34	..	..	..
Pleasant av	31st st	32d st	Both	4	35	..	..	..
Pleasant av	31st st	32d st	Both	4	36	..	..	..
Pleasant av	31st st	32d st	Both	4	37	..	..	..
Pleasant av	31st st	32d st	Both	4	38	..	..	..
Pleasant av	31st st	32d st	Both	4	39	..	..	..
Pleasant av	31st st	32d st	Both	4	40	..	..	..
Pleasant av	31st st	32d st	Both	4	41	..	..	..
Pleasant av	31st st	32d st	Both	4	42	..	..	..
Pleasant av	31st st	32d st	Both	4	43	..	..	..
Pleasant av	31st st	32d st	Both	4	44	..	..	..
Pleasant av	31st st	32d st	Both	4	45	..	..	..
Pleasant av	31st st	32d st	Both	4	46	..	..	..
Pleasant av	31st st	32d st	Both	4	47	..	..	..
Pleasant av	31st st	32d st	Both	4	48	..	..	..
Pleasant av	31st st	32d st	Both	4	49	..	..	..
Pleasant av	31st st	32d st	Both	4	50	..	..	..
Pleasant av	31st st	32d st	Both	4	51	..	..	..
Pleasant av	31st st	32d st	Both	4	52	..	..	..
Pleasant av	31st st	32d st	Both	4	53	..	..	..
Pleasant av	31st st	32d st	Both	4	54	..	..	..
Pleasant av	31st st	32d st	Both	4	55	..	..	..
Pleasant av	31st st	32d st	Both	4	56	..	..	..
Pleasant av	31st st	32d st	Both	4	57	..	..	..
Pleasant av	31st st	32d st	Both	4	58	..	..	..
Pleasant av	31st st	32d st	Both	4	59	..	..	..
Pleasant av	31st st	32d st	Both	4	60	..	..	..
Pleasant av	31st st	32d st	Both	4	61	..	..	..
Pleasant av	31st st	32d st	Both	4	62	..	..	..
Pleasant av	31st st	32d st	Both	4	63	..	..	..
Pleasant av	31st st	32d st	Both	4	64	..	..	..
Pleasant av	31st st	32d st	Both	4	65	..			

All built.

TABLE NO. 88.

Showing in Detail Expenditures on Account of Extension No. 636, in S. Seventh St. from Fifteenth Ave. S. to Cedar Ave.

1891. Dec. 15.	Labor, tools, etc.....	\$629.48
	Eight inch pipe	937.87
	Six inch hydrant pipe.....	15.73
	Eight inch pipe connection.....	1.04
	Four hydrants.....	146.00
	One eight inch gate.....	18.50
	One thousand three hundred and seventy-four pounds lead.....	56.61
	One thousand seven hundred and forty-two pounds specials.....	39.20
	Total	\$1,844.43

TABLE NO. 89.

Showing in Detail Expenditures on Account of Extension No. 637, in E. Sixteenth St. from Park Ave. to Chicago Ave.

1891. Dec. 15.	Labor, tools, etc.....	\$198.38
	Six inch pipe.....	299.74
	Six inch hydrant pipe.....	2.58
	Eight inch pipe connection.....	1.88
	One hydrant.....	38.50
	One six inch gate.....	12.75
	Five hundred and six pounds lead.....	20.85
	Six hundred and eight pounds specials.....	13.68
	Total.....	\$586.36

TABLE NO. 90.

Showing in Detail Expenditures on Account of Extension No. 639, in Sixth St. N. E. from Broadway to Seventeenth Ave. N. E.

1891. Dec. 15.	Labor, tools, etc.....	\$2,475.23
	Six inch pipe.....	1,181.97
	Six inch hydrant pipe.....	7.79
	Three hydrants.....	109.50
	Three six inch gates.....	38.25
	One thousand seven hundred and thirty pounds lead.....	71.28
	One thousand and twenty-two pounds specials	22.99
	Total.....	\$3,907.01

TABLE NO. 91.

Showing in Detail Expenditures on Account of Extension No. 640, in Six and a half Ave. S. from E. Lake St. to E. Thirty-second St.

1891. Dec. 15.	Labor, tools, etc....	\$358.50
	Six inch pipe.....	608.84
	Six inch hydrant pipe....	7.79
	Three hydrants.....	109.50
	One six inch gate	12.75
	Nine hundred and fifty-four pounds lead.....	39.30
	Eight hundred and sixty-seven pounds specials.....	19.51
	Total.....	\$1,156.19

TABLE NO. 92.

Showing in Detail Expenditures on Account of Extension No. 642, in Tenth Ave. N. from N. 3d St. to Oak Lake Ave.

1891. Dec. 15.	Labor, tools, etc.....	\$444.68
	Six inch pipe.....	692.70
	Six inch hydrant pipe.....	10.37
	Six inch pipe connection.....	5.46
	Four hydrants... ..	146.00
	Four six inch gates.....	51.00
	One thousand two hundred and forty pounds lead.....	51.09
	One thousand seven hundred and twenty-eight pounds specials..	38.88
	Total.....	\$1,440.18

TABLE NO. 14.—Continued.
TWELFTH WARD.

STREET.	FROM-	TO-	SIDE.	Width, feet.	No. of assessments.	Length assessed.		Am't. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Hiawatha av.....	Lake st.....	33d st.....	Both.....	6	1	.....	2,616	.....	967 84
Minnehaha av.....	28th st.....	Lake st.....	Both.....	6	2	.....	2,764 4	.....	663 42
Minnehaha av.....	28th st.....	32d st.....	West.....	6	3	.....	2,749 6	.....	760 80
Snelling av.....	Lake st.....	28th av. S.....	East.....	6	4	.....	1,096 7	.....	397 47
Snelling av.....	Lake st.....	31st av. S.....	East.....	6	5	.....	723 8	.....	176 71
Snelling av.....	Lake st.....	32d st.....	West.....	6	6	.....	1,498 6	.....	338 06
23d av. S.....	31st st.....	32d st.....	Both.....	6	7	.....	1,316 4	.....	340 32
23d av. S.....	Hiawatha av.....	Lake st.....	Both.....	6	8	.....	446 5	.....	107 16
23d av. S.....	Lake st.....	31st st.....	Both.....	6	9	.....	1,220 3	.....	293 87
27th av. S.....	Lake st.....	Minnehaha av.....	East.....	6	10	.....	492 2	.....	137 62
							14,723.5		63,723 15

THIRTEENTH WARD.

Chicago av.....	34th st.....	35th st.....	West.....	6	1	.....	511 6	.....	\$146.78
Nicollet av.....	34th st.....	35th st.....	East.....	6	2	.....	2,431 9	.....	660 02
Pleasant av.....	34th st.....	35th st.....	West.....	6	3	.....	511 6	.....	171 25
Stevens av.....	34th st.....	35th st.....	Both.....	6	4	.....	1,240 7	.....	297 77
34th st.....	Portland av.....	Chicago av.....	South.....	6	5	.....	1,043 6	.....	292 30
35th st.....	Nicollet av.....	Chicago av.....	North.....	6	6	.....	3,040	.....	881 19
							9,679.4		25,440 12

SUMMARY OF TABLE NO. 14.

Ward	Assessment	FIRST WARD		SECOND WARD		THIRD WARD		FOURTH WARD		FIFTH WARD		SIXTH WARD		SEVENTH WARD	
		Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment
48	Plank	30,366 9	\$4,889 06	591 0	\$118 22	267	\$63 40	14,515 7	\$4,443 78	17,108 8	\$4,116 95	11,887 5	3,353 61	26,461 8	\$6,279 83
50	Plank	...	...	8,258 9	1,981 88	61,140 3	14,675 75	728 4	206 75	2,618 8	732 74	154	61 60	8,655 5	2,417 26
52	Plank	...	...	11,679 9	3,298 34	...	...	...	...	...	...	1,402 1	832 94	...	...
54	Plank	...	...	...	...	...	...	...	...	...	...	190	41 55	...	...
56	Plank	...	...	...	...	...	...	...	...	...	...	165	66 90	...	...
58	Art St.	12,407 5	7,466 80	17,191 4	10,314 24	4,538 5	2,722 80	12,055 5	7,353 40	217	190 80	495	648 80	...	...
60	Art St.	...	...	...	...	0,780 9	5,424 72	1,704 8	1,363 84	3,414	2,731 20	...	...	...	...
62	Art St.	...	...	...	...	1,444 5	1,480 05	...	...	...	...	...	...	...	...
64	Art St.	...	...	...	...	108 5	108 50	...	...	...	...	...	...	...	...
66	Art St.	1,784 5	2,052 18	...	...	174 4	169 41	347	309 06	...	...	...	...	...	...
68	Art St.	...	...	...	...	515 5	747 48	...	...	...	...	...	...	...	...
70	Art St.	...	...	...	...	1,553	2 130 25	...	...	...	...	...	...	...	...
72	Art St.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
74	Totals	34,648 9	\$14,438 74	26,030 9	\$12,414 44	88,190 5	\$30,810 70	33,361 4	\$13,646 73	24,004 5	\$8,736 42	15,833 9	\$6,366 17	34,706	\$8,656 81
76	Plank	877 8	\$175 56	...	...	...	...	...	...	...	...	...	...	1,736 4	\$347 29
78	Plank	10,502	4,680 08	8,357 6	\$2,001 04	24,753 3	\$5,039 72	8,737 7	\$2,007 00	0,170 6	\$2,203 06	1,862 3	\$444 55	223,984 9	\$3,752 02
80	Plank	6,649 1	1,861 82	...	...	4,026 3	1,128 36	20,166 8	5,045 86	5,653 10	1,555 10	7,127 1	1,005 57	78,182 3	\$2,104 91
82	Plank	...	...	...	...	...	...	514 8	265 02	...	...	...	...	968 8	267 52
84	Plank	...	...	...	...	...	...	...	...	...	...	...	...	1,472 1	602 90
86	Plank	...	...	...	...	...	...	...	...	...	...	...	...	98	44 55
88	Art St.	5,166 2	3,009 72	6,853 3	4,000 06	...	...	1,463 1	877 46	...	...	...	...	165	66 00
90	Art St.	3,314 6	2,051 06	...	...	...	...	2,133 6	1,707 04	...	...	...	...	50,982 6	35,070 80
92	Art St.	...	...	...	...	...	...	...	...	...	...	...	...	18,034 1	14,427 28
94	Art St.	...	...	...	...	...	...	...	...	...	...	...	...	1,844 5	1,480 05
96	Art St.	...	...	...	...	...	...	...	...	...	...	...	...	108 5	108 50
98	Art St.	...	...	...	...	...	...	...	...	...	...	...	...	2,304 0	2,650 05
100	Art St.	...	...	...	...	...	...	...	...	...	...	...	...	1,096 9	1,407 89
102	Art St.	...	...	...	...	...	...	...	...	...	...	...	...	2,019 4	2,028 43
104	Art St.	...	...	...	...	...	...	...	...	...	...	...	...	2,085 9	2,412 83
106	Art St.	...	...	...	...	...	...	...	...	...	...	...	...	304 438 4	\$136,727 38
108	Totals	36,411 8	\$13,732 12	15,170 9	\$4,101 02	28,731 6	\$7,066 08	33,604 1	\$13,517 87	14,733 5	\$3,758 10	8,979 4	\$2,440 12	...	...

76 miles.

*Artificial stone (including curb).

TABLE NO. 14—(Continued).
SIXTH WARD.

STREET	FROM	TO	Stre.	No. of Assess- ment roll	Length assessed		Amt of assessment.	
					Artificial stone, Pt. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Cedar av	Washington av	3d st	Both..	15	656	.....	8251 21	.....
Cedar av	Washington av	5th st	Both..	16	149	.....	2445 05	.....
11th av S	Washington av	2d st	West..	4	45	.....	52 00	.....
12th av S	Washington av	2d st	East..	6	45	.....	52 00	.....
13th av S	Washington av	14th av	Both..	6	.....	212	.....	850 94
14th av S	Washington av	15th av	Both..	7	.....	50	.....	14 00
15th av S	Washington av	16th av	Both..	8	.....	140	.....	14 00
16th av S	Washington av	17th av	Both..	9	.....	121	.....	33 85
17th av S	Washington av	18th av	Both..	10	.....	124	.....	14 12
18th av S	Washington av	19th av	Both..	11	.....	102	.....	17 85
19th av S	Washington av	20th av	Both..	12	.....	165	.....	46 20
20th av S	Washington av	21st av	Both..	13	.....	947 1	.....	181 15
21st av S	Washington av	22d av	Both..	14	.....	289	.....	80 82
22d av S	Washington av	23d av	Both..	15	.....	144	.....	40 23
23d av S	Washington av	24th st	Both..	16	.....	200	.....	58 02
24th st S	Washington av	25th st	Both..	17	.....	359	.....	100 52
25th st S	Washington av	26th st	Both..	18	.....	212	.....	69 45
26th st S	Washington av	27th st	Both..	19	.....	74	.....	17 75
27th st S	Washington av	28th st	Both..	20	.....	303	.....	66 34
28th st S	Washington av	29th st	Both..	21	.....	80	.....	12 00
29th st S	Washington av	30th st	Both..	22	.....	190 8	.....	60 40
30th st S	Washington av	31st st	Both..	23	.....	718 8	.....	261 23
31st st S	Washington av	32d st	Both..	24	.....	127 4	.....	36 87
32d st S	Washington av	33d st	Both..	25	.....	40	.....	11 30
33d st S	Washington av	34th st	Both..	26	.....	1178 6	.....	507 32
34th st S	Washington av	35th st	Both..	27	.....	102	235 30	.....
35th st S	Washington av	36th st	Both..	28	.....	719	.....	200 44
36th st S	Washington av	37th st	Both..	29	.....	488	.....	100 34
37th st S	Washington av	38th st	Both..	30	.....	40	.....	27 40
38th st S	Washington av	39th st	Both..	31	.....	246	.....	60 44
39th st S	Washington av	40th st	Both..	32	.....	140	.....	100 20
40th st S	Washington av	41st st	Both..	33	.....	.....	.....	.....

*All built.

TABLE NO. 14.—Continued.
SEVENTH WARD

STREET	FROM—	TO—	SIDE	Width, feet	No. of assessments	Length assessed.		Amt of assessment.	
						Artificial stone, Ft. 10ths	Plank, Ft. 10ths	Artificial stone.	Plank.
16th av. S.	27th st.	26th st.	Both.	6	10		930.7		\$215.94
17th av. S.	In front of L. I. B. S.	Gilpatrick's add.	Both.	11	11		154		43.12
18th av. S.	25th st.	26th st.	Both.	6	12		1,359.4		290.25
19th av. S.	24th st.	25th st.	Both.	6	13		3,636.5		673.60
20th av. S.	27th st.	26th st.	West.	6	14		612.4		146.98
21st av. S.	In front of L. I. S. and B. S.	Gilpatrick's add.	Both.	8	15		189.9		47.48
22nd st.	17th av. S.	Cedar av.	Both.	8	16		1,101.2		305.34
23rd st.	18th av. S.	Udvar av.	Both.	8	17		1,007.2		460.01
24th st.	19th av. S.	Hawatha av.	North.	8	18		538.4		150.74
25th st.	Cedar av.	14th av. S.	Both.	8	19		1,002.4		280.67
26th st.	13th av. S.	14th av. S.	Both.	8	20		1,068		291.12
27th st.	17th av. S.	Cedar av.	Both.	8	21		1,079.7		236.12
28th st.	Chicago av.	10th av. S.	Both.	8	22		1,065.8		290.56
29th st.	Chicago av.	10th av. S.	Both.	8	23		835		233.70
30th st.	Bloomington av.	10th av. S.	North	8	24		1,470.5		411.76
							34,708.0		\$8,496.81

EIGHTH WARD.

STREET	FROM—	TO—	SIDE	Width, feet	No. of assessments	Length assessed.		Amt of assessment.	
						Artificial stone, Ft. 10ths	Plank, Ft. 10ths	Artificial stone.	Plank.
Aldrich av.	29th st.	Lake st.	Both.	6	1	1,295.5	670	\$725.10	\$162.24
Blaisdell av.	24th st.	25th st.	West.	6	2		514		143.02
Bryant av.	33d st.	32d st.	East.	6	3		590.7		124.65
Columbus av.	In front of lots 4, 5 and 7.	Block 16, Galpin's addition.	East.	6	4		126		32.12
Columbus av.	29th st.	28th st.	East.	6	5		1,211.8		280.84
Dupont av.	H. & D. R.R.	Lake st.	East.	6	6		576.9		136.45
Dupont av.	25th st.	24th st.	West.	6	7		682.9		144.70
Franklin av.	Nicollet av.	Hennepin av.	East.	6	8		1,044.5		230.71
Franklin av.	25th st.	Hennepin av.	South.	6	9	186.9		300.52	
Fremont av.	28th st.	H. & D. R.R.	West.	6	10		530.6		120.61
8th av. S.	27th st.	26th st.	West.	6	11		506.2		145.49
8th av. S.	33d st.	32d st.	Both.	6	12		2,248		538.10
	In front of lot 4, block 2.	Beede's add.	Both.	6	13	50		80.00	

TABLE NO. 1—Continued.

RECORD OF PUMP NO 4 (West Side.)

MONTHS.	Time in operation.		Pressure	Total gallons pumped.
	Hours.	Min.		
January.....				
February.....	43	45	75	4,645,400
March.....	42		75	3,761,200
April.....				
May.....	3		75	445,000
June... ..	45		75	3,461,400
July.....	35	15	76	3,625,000
August.....	27	05	75	2,046,550
September.....		45	75	134,000
October.....				
November.....				
December....				
Total.....	196	50	75	18,118,550

RECORD OF PUMP NO. 5. (West Side.)

MONTHS.	Time in Operation.		Pressure	Total gallons pumped.
	Hours.	Min .		
January				
February.....	8	10	75	426,580
March.....	3	40	75	2,269,300
April.....	8		75	2,297,310
May... ..	244	10	75	67,853,427
June	388		75	99,166,412
July.....	492	45	76	135,586,002
August	98	5	75	26,217,137
September.. .	38	35	75	11,050,200
October....	112	15	75	28,020,320
November.....	38	20	75	11,204,200
December				
Total.....	1,432		75	384,090,888

RECORD OF PUMP NO. 6. (West Side.)

MONTHS.	Time in Operation.		Pressure	Total gallons pumped.
	Hours.	Min .		
January.....	477	50	75	82,976,720
February.....	35		75	8,066,200
March.. ..				
April.....	408		75	73,425,920
May.....	508	45	75	112,477,920
June... ..	694		75	160,137,120
July.....	647		76	162,117,120
August	193		75	46,340,720
September	195		75	56,583,600
October.....	183	15	75	37,177,120
November.....	102	15	75	27,128,400
December.....				
Total	3,534	15	75	766,430,840

Total gallons pumped, West Side.....	1,189,640,678
Daily average, West Side.....	3,259,290
Cost of pumping 1,000,000 gallons.....	\$6.81

ENGINEER'S REPORT.

[illegible]

*All together

TABLE NO. 14.—Continued.
TWELFTH WARD

STREET.	FROM—	TO—	SI—	Width, feet.	No. of passages.	Length assessed.		Amt. of assessment.	
						Artificial stone, Ft. 10ths.	Plank, Ft. 10ths.	Artificial stone.	Plank.
Hiawatha av.....	Lake st.....	32d st.....	Both.....	0	1	.....	2,616	.....	967 84
Hiawatha av.....	28th st.....	Lake st.....	Both.....	0	2	.....	2,704 4	.....	603 43
Minnehaha av.....	28th st.....	32d st.....	West.....	0	3	.....	2,740 8	.....	709 89
Minnehaha av.....	Lake st.....	28th av S.....	East.....	0	4	.....	1,095 7	.....	307 97
Snelling av.....	Lake st.....	31st st.....	East.....	0	5	.....	723 8	.....	176 71
Snelling av.....	Lake st.....	32d st.....	West.....	0	6	.....	1,409 6	.....	338 06
22d av. S.....	31st st.....	32d st.....	Both.....	0	7	.....	1,215 4	.....	340 32
22d av. S.....	Hiawatha av.....	Lake st.....	Both.....	0	8	.....	446 5	.....	107 16
22d av. S.....	Lake st.....	31st st.....	Both.....	0	9	.....	1,220 3	.....	292 67
27th av. S.....	Lake st.....	Minnehaha av.....	East.....	0	10	.....	492 2	.....	137 52
						.....	14,733 5	.....	\$2,708 16

THIRTEENTH WARD.

Chicago av.....	24th st.....	25th st.....	West.....	6	1	.....	611 6	.....	\$146 78
Nicollet av.....	24th st.....	25th st.....	East.....	6	2	.....	2,431 9	.....	680 02
Pleasant av.....	24th st.....	25th st.....	West.....	6	3	.....	611 6	.....	171 25
Stevens av.....	24th st.....	25th st.....	Both.....	6	4	.....	1,340 7	.....	297 77
24th st.....	Portland av.....	Chicago av.....	South.....	6	5	.....	1,042 6	.....	292 20
24th st.....	Nicollet av.....	Chicago av.....	North.....	6	6	.....	2,010	.....	681 19
						.....	8,979 4	.....	\$2,440 12

SUMMARY OF TABLE NO. 14.

Width (feet)	Assessment	Kind of material	FIRST WARD		SECOND WARD		THIRD WARD		FOURTH WARD		FIFTH WARD		SIXTH WARD		SEVENTH WARD	
			Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment	Length, feet	Assessment
4	20	Plank	20,385.9	\$4,688.06	591.6	\$118.32	287	\$63.40	18,515.7	\$4,443.78	17,108.8	\$4,110.85	11,667.6	3,381.61	26,164.8	\$6,270.53
6	24	Plank			8,253.9	1,981.88	61,140.3	14,615.75	738.4	206.73	2,618.8	732.74	154	61.60	6,633.2	2,417.20
8	28	Plank					11,070.9	3,288.34					1,402.1	802.90		
12	40	Plank											100	44.55		
14	43	Plank											165	66.00		
16	45	Plank														
6	40	Art St.	12,467.5	7,409.50	12,191.4	10,314.24	4,538.6	2,722.80	12,065.6	7,233.40	217	130.20	886	548.80		
8	60	Art St.					6,780.9	5,434.72	1,704.8	1,303.84	3,414	2,731.20				
10	60	Art St.					1,944.5	1,480.02								
12	60	Art St.					173.4	169.41	347	309.06						
14	100	Art St.	1,784.5	2,052.18			615.5	747.48					198	235.90		
16	135	Art St.					1,323	2,130.25			885.6	1,025.33	625	1,106.26		
18	145	Art St.											147	257.25		
18	175	Art St.														
Totals			34,648.9	\$14,428.74	26,039.9	\$12,414.44	88,191.5	\$40,810.70	33,381.4	\$13,645.73	24,064.6	\$9,735.42	15,633.9	\$6,366.17	34,798	\$8,006.81
			EIGHTH WARD		NINTH WARD		TENTH WARD		ELEVENTH WARD		TWELFTH WARD		THIRTEENTH WARD		TOTALS	
4	20	Plank	877.8	\$175.58					8,747.7	\$2,007.00	9,179.6	\$2,303.06	1,882.3	\$444.85	1,736.4	\$347.28
6	24	Plank	10,692	4,660.88					20,165.6	5,645.36	5,653.9	1,553.10	7,127.1	1,833.57	239,184.0	\$3,762.62
8	28	Plank	6,640.3	1,561.52					614.8	483.00					79,183.3	22,164.91
12	40	Plank													498.8	207.82
14	43	Plank													1,472.1	402.00
16	45	Plank													60	44.55
4	40	Art St.			6,833.3	4,009.08									165	66.00
6	60	Art St.	5,166.2	3,099.72					1,483.1	877.40					50,982.5	\$5,970.10
8	80	Art St.	3,514.6	2,051.08					2,133.8	1,707.04					16,034.1	14,427.28
10	90	Art St.													1,644.5	1,484.08
12	100	Art St.													108.5	108.50
14	135	Art St.													2,304.9	2,850.05
16	145	Art St.	601.9	1,252.66											7,069.2	1,667.98
18	175	Art St.							479.1	984.00					2,019.6	2,024.14
Totals			36,411.8	\$13,732.12	15,170.9	\$6,101.02	28,781.6	\$7,106.08	33,604.1	\$11,517.87	14,753.5	\$3,738.16	8,979.4	\$2,440.12	394,448.4	\$136,772.38

74 7 miles

*Artificial stone (including curb.)

TABLE No. 15.
ADDITIONS TO MINNEAPOLIS, APPROVED 1891

NAME OF ADDITION OR SUBDIVISION	Date approved	No of Lots.
Austin's rearrang't block 4, Murphy & Sully's amd't	June 12	16
Baker & McCoy's addition to Minneapolis,	May 27..	7
Basting's Theo. to Minneapolis	Feb. 27	12
Beltz rearrangement of B. & O. siding's	July 10.	19
Clow's rearrangement block 11, Glencair	July 10	31
Collins' addition to Minneapolis	Feb. 27	19
Gale's subdivision block 49, Sherburn & Beebe ..	Nov. 13	15
Hardy's addition to Minneapolis ..	July 10	14
Harvey's addition to Minneapolis	Aug. 12.	86
Kennerer's addition to Minneapolis	Sept. 25	8
Kletzel's 2d addition to Minneapolis	Sept. 11..	48
Mendenhall's addition to Minnehaha Park	Feb. 27	54
Mendoza Park	Feb. 27	881
Newell's subdivision block 1, Cutter's	Apr. 24	38
Paul's rearrangement block 9, Kenwood	May 13	3
Patnode's addition to Minneapolis	July 10	18
Peter's 2d addition to Minneapolis	Apr. 24..	28
Peter & G. add'n, addition to Minneapolis	Sept. 11	92
Pillsbury's add'n to Minnehaha Park	Feb. 27	127
Redfield's addition to Minneapolis	Sept. 11	84
Rumyan's addition to Minnehaha Park	Feb. 27	40
Scott's J. W. addition to Minneapolis	May 27	5
Vine Place addition to Minneapolis ..	May 27	37
Ward's addition to Minneapolis	Feb. 27.	8
Wagner D. R. addition to Minneapolis ..	May 27	9
Totals .....	...	1481

Acres, 85 704.

TABLE No. 16.
NEW BRIDGES COMPLETED AND UNDER CONSTRUCTION. BRIDGE
AND MAINTENANCE
BRIDGES COMPLETED IN 1891

Over railroad on Laurel avenue	
Under railroad on 15th av. S. E.	
Over Bassett's creek on Penn. av.	
*Over N. P. & R. R. on 4th av. N.	
*Over Gt. N. Ry. on 15th av. S. E. at 4th St.	
*Over Gt. N. Ry. on 1st st. N.	
*Over Gt. N. Ry. on Washington av.	
*Over Gt. N. Ry. on Hennepin av.	

BRIDGES UNDER CONSTRUCTION

*Second st. N. over railroad	
Third st. N. over railroad	
Fourth st. N. over railroad	
Fifth st. N. over railroad	

REPAIRS AND MAINTENANCE

Steel arch bridge over Mississippi river	
Lake st. bridge over Mississippi river	
Franklin av. bridge over Mississippi river	
Washington av. bridge over Mississippi river	
Tenth av. S. bridge over Mississippi river	
Plymouth av. bridge over Mississippi river	
Stone arch bridge over Mississippi river	
Twentieth av. N. bridge over Mississippi river	
Bridge over railroads on 2d st. N.	
Bridge over railroads on 4th av. N.	
Bridge over railroads on Washington av. approach	
Bridge over railroads on Holden st.	
Bridge over railroads on Western av. near Upton	
Bridge over railroads on 15th av. S. E. at 4th st.	
Bridge over railroads on Superior av.	
Bridge over railroads on Hennepin av.	
Bridge over Minnehaha creek on Lyndale av.	
Bridge over Bassett's creek on 6th av. N. near Keegan's lake	
Bridge over 20th av. N. on 1st st.	
Tools and general repairs	

Total

*Built by railway company.

TABLE No. 17.
AMOUNT AND COST OF LUMBER USED UNDER THE DIRECTION OF THE
CITY ENGINEER'S DEPARTMENT, 1891.

WARD, ETC	NUMBER OF FEET BOARD MEASURE				Total feet	Total cost
	Streets	Culverts and cross-walks	Sidewalk repairs	Sidewalk.		
First	1,440	11,100	1,836	164,795	179,270	\$1,066 80
Second		19,033	13,804	95,734	129,231	1,451 20
Third		30,735	14,244	605,004	660,093	7,194 84
Fourth	20,046	22,120	3,160	284,672	329,968	3,025 26
Fifth		18,000	11,400	130,212	168,612	1,840 93
Sixth	5,344	14,640	2,240	149,817	172,041	1,803 21
Seventh	156	6,870	5,500	175,824	188,150	2,052 44
Eighth		86,199		268,089	354,288	3,943 83
Ninth	324	6,336	1,200	391,130	399,790	4,229 07
Tenth		13,328		269,117	272,445	2,973 07
Eleventh	4,000	14,147	12,515	23,265	53,927	604 15
Twelfth	1,788	13,060	6,366	76,606	97,160	1,070 18
Thirteenth	96	11,859		124,320	136,272	1,489 20
City Hall repairs					7,065	743 41
City B paving repairs					6,200	75 20
Bridges and bridge reprs					757,871	9,576 73
City B paving					2,224	24 69
Conduits-brush					632	6 56
City scales					3,433	56 06
Dumps					14,432	173 18
Ice water fountains					6,258	71 86
Harvest festival float					453	4 98
Sewers					542,961	5,780 84
Total pine lumber	33,174	278,212	71,166	2,747,686	4,472,561	\$50,356 55
OAK.						
City Hall					335	11 03
Bridges and bridge reprs					50,432	1,065 09
City scales					616	18 48
Sewers					150	6 00
Total oak lumber					60,533	\$1,120 60

TABLE No. 18.
PUBLIC BUILDINGS, REPAIRS, WATERING FOUNTAINS, ETC AS DIRECTED
BY THE CITY ENGINEER'S DEPARTMENT, 1891.

City hall—repairs, ventilation, furniture, etc.		\$8,801 78
Dumps		183 24
Watering troughs and fountains located as follows—Watering fountains for horses (new) Washington av. N and 38th av.: 36th st and Calhoun boulevard, 20th av N and 2d st; Hennepin and Lyndale avs		
Repairs (old)		\$670 78
Watering fountains for people 107 Nicollet av, 144th st S, 1st av S and 5th st., Central av and Prince st, Washington and Plymouth avs, Cedar and Washington avs, Nicollet av and 3d st., Altman's on Washington av S		114 98
		745 70
		1,381 97
		\$11,132 75

[illegible]

[illegible]

TABLE NO. 3—Continued.

IN	FROM	TO	0-inch	8-inch	10-inch	12-inch	16-inch	24-inch	36-inch
Second avenue S	E. Sixteenth street	E. Seventeenth street	345.8						
Second avenue S	Seventeenth street	Eighteenth street	388						
Second avenue S	Twenty-sixth street	Twenty-seventh street	883						
Second avenue S	E. Lake street	E. Twenty-eighth st	612.7						
Second avenue S	E. Twenty-seventh st	Thirty-first street	1,843						
Second avenue S	E. Twenty-fifth street	E. Twenty-sixth street	1,335.9						
Second avenue S	E. Twenty-fourth st	E. Lake street	1,319.8						
Second avenue S	E. Nineteenth street	Franklin avenue...	817.3						
Second avenue S	E. Thirty-third street	E. Thirty-fifth street...	1,360.3						
Third avenue S	Third street S	Twenty-second street						7,111	
Third avenue S	E. Twenty-second st	Lake street						4,885.6	
Third avenue S	Lake street	E. Thirty-third street						1,014.0	
Third avenue S	Thirty-third street	E. Thirty-fifth street						3,234.1	
Clinton avenue	Grand street	E. Twenty-fourth st		3,816.9					
Clinton avenue	E. Twenty-fifth street	E. Twenty-sixth street	618.1						
Clinton avenue	E. Twenty-sixth street	Twenty-seventh street	680.3						
Clinton avenue	E. Thirty-first street	E. Thirty-second street	561.8						
Clinton avenue	E. Twenty-seventh st	E. Twenty-eighth st	716.7						
Clinton avenue	E. Lake street	E. Thirty-first street	612.2						
Clinton avenue	E. Thirty-second st	E. Thirty-third street	877.4						
Fourth avenue S	E. Thirty-second st	E. Thirty-third street	306.7						
Fourth avenue S	First street	Second street					374		
Fourth avenue S	Washington avenue	Sixth street	1,631						
Fourth avenue S	Sixth street	Tenth street	1,641.1						
Fourth avenue S	Twelfth street	Twenty-fourth street	4,885				418		
Fourth avenue S	E. Twenty-fourth st	E. Twenty-fifth street	715.5						
Fourth avenue S	E. Twenty-fifth street	E. Twenty-sixth street	817.1						
Fourth avenue S	E. Thirty-first street	E. Thirty-second street	824.1						
Fifth avenue S	First street S	Washington avenue					705	1,150	
Fifth avenue S	First street S	Third street						3,733	
Fifth avenue S	Pump house	Ninth street						3,061.2	
Fifth avenue S	Ninth street	Nineteenth street							
Fifth avenue S	E. Nineteenth street	E. Twenty-fourth st							
Fifth avenue S	E. Twenty-fourth st	Twenty-seventh st	2,011.9			1,900.6			
Fifth avenue S	E. Lake street	Thirty-first street	400						
Fifth avenue S	E. Lake street	E. Thirty-second street	883.1						
Fifth avenue S	First street S	Twenty-seventh street				10,264			
Sixth avenue S	First street S	E. Lake street	1,211						
Sixth avenue S	E. Lake street	E. Thirty-third street							
Sixth avenue S	E. Twenty-fourth st	E. Lake street		1,012		1,942.6			
Portland avenue	Portland avenue	Thirty-third street		4,271.8					
Portland avenue	Portland avenue	E. Twenty-fourth st		1,301.6					
Portland avenue	Portland avenue	E. Twenty-fourth st	462.6						

Washington avenue
Third street

TABLE NO. 4.
Water Mains to be Laid in the Year 1892.

Extension number.	STREET OR AVENUE.	From --	To --	Size in inches.	Approximate length, ft.
671	N. Aldrich av.	Eleventh av. N.	Sixteenth av. N.	8	2,368
672	N. Aldrich av.	Twenty-second av. N.	Twenty-seventh av. N.	8	2,270
673	S. Aldrich av.	W. Franklin av.	W. Forty-second st.	8	561
674	Bassett place	Sixth av. N.	300 ft. north.	8	516
675	Beacon st.	State st.	Oak st.	8	2,030
676	Blaisdell av.	W. Twenty-eighth st.	W. Lake st.	8	1,491
677	N. Bryant av.	Twentieth av. N.	Twenty-first av. N.	8	359
678	Douglas av.	Hennepin av.	S. Humboldt av.	8	2,472
679	N. Dupont av.	Twenty-sixth av. N.	Twenty-ninth av. N.	8	1,410
680	S. Dupont av.	W. Twenty-sixth st.	Hennepin av.	8	1,781
683	Eighth av. S. E.	Seventh st. S. E.	Eighth st. S. E.	8	380
684	Fifteenth av. S. E.	E. Lake st.	E. Thirty-second st.	8	1,207
686	Fillmore st.	Twenty-third av. N. E.	Twenty-third av. N. E.	8	177
682	N. First st.	Fourth av. N.	Fifth av. N.	12	341
681	N. First st.	Fifth av. N.	Tenth av. N.	14	2,121
686	N. Fourth st.	Twelfth-second av. N.	Twenty-sixth av. N.	8	1,621
687	W. Franklin av.	S. Lyndale av.	S. Bryant av.	12	651
689	N. Fremont av.	Twenty-seventh av. N.	Thirty-second av. N.	8	1,959
690	Grand av.	W. Thirty-first st.	W. Thirty-third st.	8	1,254
691	Grand st.	Thirteenth av. N. E.	Fourteenth av. N. E.	8	425
692	W. Grant st.	Vine place	Spruce place	8	390
693	Hillside av.	N. Logan av.	Twenty-fifth av. N.	8	807
694	Hoag av.	Royalston av.	Sixth av. N.	8	595
695	S. Irving av.	W. Twenty-fourth st.	W. Twenty-fifth st.	8	666
696	Jackson st.	Eighteenth av. N. E.	Twenty-seventh av. N. E.	8	3,920
697	North James av.	Hillside av.	Twenty-fifth av. N.	8	632
698	N. Knox av.	Western av.	Sixth av. N.	8	1,244
699	Lake of Isles boui.	W. Twenty-second st.	W. Twenty-fifth st.	8	978
700	W. Lake st.	S. Irving av.	Calhoun boui.	12	990
701	Lincoln st.	Twenty-third av. N. E.	Twenty-fifth av. N. E.	8	668
702	S. Lyndale av.	W. Thirty-second st.	W. Forty-third st.	8	7,220
703	Madison st.	Thirteenth av. N. E.	Seventeenth av. N. E.	8	1,542
704	Marshall st.	Fifth av. N. E.	200 ft. S. of 13th av. N. E.	8	2,054
705	Monroe st.	8½ av. N. E.	Twenty-fifth av. N. E.	8	2,295
706	E. Nineteenth st.	Portland av.	Park av.	8	620
707	S. Ninth st.	Twenty-third av. S.	Twenty-seventh av. S.	8	1,708
708	Ninth av. S.	E. Thirty-second st.	E. Thirty-fourth st.	12	1,181
709	Park av.	E. Thirty-second st.	E. Thirty-third st.	8	705
710	Park av.	E. Thirty-third st.	E. Thirty-fourth st.	12	619
711	N. Penn av.	Crystal Lake av.	Thirty-second av. N.	24	3,321
712	Pierce st.	Twenty-third av. N. E.	Twenty-sixth av. N. E.	8	1,297
713	Pillsbury av.	W. Thirty-second st.	W. Thirty-fourth st.	8	1,198
714	Quincy st.	Third av. N. E.	Broadway.	8	1,641
715	S. Seventh st.	Cedar av.	Nineteenth av. E.	8	407
716	Sixteenth av. S.	Twenty-eighth st.	E. Lake st.	8	1,475
717	Sixteenth av. S. E.	Seventh st. S. E.	Eighth st. S. E.	8	410
718	Sixth av. S. E.	Main st.	University av.	8	908
719	Spruce place	Harmon place	W. Grant st.	8	1,739
720	Stevens av.	Eighty-third st.	E. Thirty-fifth st.	8	1,216

TABLE NO. 23—Continued.

STREET	FRNM—	To—	Size, inches.	Number of extensions	Length, feet.	Cost.
23d st.	14th av. S.....	15th av. S.....	6	664	398	498.15
25th av. S.....	22d st.	25th st.	6	653	1,311	1,270.26
25th st.	Across Park av.	.....	6	578	108	130.51
26th av. S.....	25th st.	½ way to 26th st.	16	†670	337	1,309.79
26th st.	Across Park av.	.....	6	579	108	128.77
27th st.	Across Park av.	.....	6	580	108	128.76
28th st.	Across Park av.	.....	6	581	108	133.97
29th av. S.....	22d st.	26th st.	6	654	1,974	2,379.92
28th st.	10th av. S.....	11th av. S.....	16	647	322	859.20
Union st.	Wash. av. S. E..	Delaware st.	8	655	410	596.27
Univ. av. S. E....	16th av.	Oak st.	6	656	1,985	2,057.26
Univ. av. S. E....	Malcom av.	Emerald av.	6	657	1,500	1,693.20
Vine Place.	Grant st.	Oak Grove st ...	6	658	1,334	1,466.38
					84,169	†\$203,010.41

†Part of.

‡This total is inclusive of tunnel on Second street N. under Gt. N. Ry.

SUMMARY.

	Length.	Cost.
6 inch pipe	52,812	\$59,876.94
8 inch pipe.....	10,655	13,660.58
12 inch pipe.....	7,229	14,768.56
16 inch pipe.....	3,884	11,365.09
24 inch pipe.....	9,589	92,065.00
Totals, 15.4969 miles.....	84,169	\$191,746.17
Add cost of 386 feet of tunnel under railroad on 2d st.		11,274.24
		\$203,010.41

TABLE NO. 4.

Water Mains to be Laid in the Year 1892.

Extension number	STREET OR AVENUE	From -	To -	Size in inches	Approximate length, ft.
671	N. Aldrich av	Eleventh av. N	Sixteenth av. N	4	2,209
672	N. Aldrich av	Twenty-second av. N	Twenty-seventh av. N	6	2,279
673	S. Aldrich av	W. Franklin av	W. Forty-second st.	6	561
674	Bassett place	Sixth av. N	300 ft. north	6	316
675	Beacon st.	State st	Oak st	6	2,050
676	Blaisdell av	W. Twenty-eighth st.	W. Lake st	6	1,491
677	N. Bryant av	Twentieth av. N	Twenty-first av. N	6	359
678	Douglas av	Hennepin av	S. Humboldt av	6	2,472
679	N. Dupont av	Twenty-sixth av. N	Twenty-ninth av. N	6	1,510
680	S. Dupont av	W. Twenty-sixth st.	Hennepin av	6	1,761
683	Eighth av. S. E.	Seventh st. S. E.	Eighth st. S. E.	6	390
684	Fifteenth av. S. E.	E. Lake st	E. Thirty-second st.	6	1,207
685	Fillmore st.	Twenty-third av. N. E.	Twenty-third av. N. E.	6	177
686	N. First st	Fourth av. N	Fifth av. N	12	341
687	N. First st	Fifth av. N	Tenth av. N	12	2,131
688	N. Fourth st	Twentieth-second av. N	Twenty-sixth av. N	6	1,621
687	W. Franklin av	S. Lyndale av	S. Bryant av	12	651
689	N. Fremont av	Twenty-seventh av. N	Thirty-second av. N	6	1,920
690	Grand av	W. Thirty-first st.	W. Thirty-third st.	6	1,354
691	Grand st	Thirteenth av. N. E.	Fourteenth av. N. E.	6	425
692	W. Grant st.	Vine place	Spruce place	6	390
693	Hillside av	N. Logan av	Twenty-fifth av. N	8	807
694	Hong av	Roylston av	Sixth av. N	6	595
695	S. Irving av	W. Twenty-fourth st.	W. Twenty-fifth st.	6	655
696	Jackson st.	Eighteenth av. N. E.	Twenty-seventh av. N. E.	6	3,920
697	North James av	Hillside av	Twenty-fifth av. N	8	832
698	N. Knox av	Western av	Sixth av. N	6	1,214
699	Lake of Isles boul	W. Twenty-second st.	W. Twenty-fifth st.	6	976
700	W. Lake st	S. Irving av	Calhoun boul	12	909
701	Lincoln st	Twenty-third av. N. E.	Twenty-fifth av. N. E.	6	628
702	S. Lyndale av	W. Thirty-second st.	W. Forty-third st.	8	720
703	Madison st	Thirteenth av. N. E.	Seventeenth av. N. E.	6	1,542
704	Marshall st	Fifth av. N. E.	200 ft. S. of 13th av. N. E.	6	2,964
705	Monroe st	8 ¹ / ₂ av. N. E.	Twenty-fifth av. N. E.	8	2,245
706	E. Nineteenth st	Portland av	Park av	6	630
707	S. Ninth st	Twenty-third av. S.	Twenty-seventh av. S.	6	1,708
708	Ninth av. S	E. Thirty-second st.	E. Thirty-third st.	12	1,181
709	Park av	E. Thirty-second st.	E. Thirty-third st.	6	705
710	Park av	E. Thirty-third st.	E. Thirty-fourth st.	12	619
711	N. Penn av	Crystal Lake av	Thirty-second av. N.	24	3,321
712	Pierce st	Twenty-third av. N. E.	Twenty-sixth av. N. E.	6	1,287
713	Pillsbury av	W. Thirty-second st.	W. Thirty-fourth st.	6	1,198
714	Quincy st	Third av. N. E.	Broadway	6	1,841
715	S. Seventh st	Cedar av	Nineteenth av. S.	6	407
716	Sixteenth av. S	Twenty-eighth st	E. Lake st	6	1,275
717	Sixteenth av. S. E.	Seventh st. S. E.	Eighth st. S. E.	6	410
718	Sixth av. S. E.	Main st	University av.	6	808
719	Spruce place	Harmon place	W. Grant st.	6	1,180
720	Stevens av	Eighty-third st	E. Thirty-fifth st.	6	1,316

TABLE NO. 24.—Continued.

STREETS.	FROM -	TO -	Size inches	No of Extensions	Estimated Length—feet.	Amount of Assessm't	Estimated cost.
22d st	Irving av.	Lake Isle boul.	8	733	407	369 74	529 10
23d av	8th st	Franklin av	8	867	445	200 20	504 55
24d av	Central av	Fillmore st	8	738	1,329		1,737 70
25d av	Fillmore st	Johnson st	8	739	1,313	2,551 96	1,796 93
26th av	2d st	River	8	730	843	1,408 90	1,065 00
27th av	Wash av	Lyndale av	8	727	1,604	1,311 05	2,085 20
28th av	Hillside av	Penn av	8	728	411	569 52	576 40
29th st	Irving av	Lake Isle boul	8	720	913	955 50	1,186 00
30th av	2d st	River	8	734	1,373	1,422 20	1,022 20
31st av	DuPont av	DuPont av	12	735	143	158 98	278 85
32nd av	Lyndale av	Aldrich av	12	736	306	320 81	772 30
33rd av	Franklin av	1 way bet 25th & 26th sts	16	8670	2,314	2,751 05	5,900 70
34th av	25th st	25th & 26th sts	16	8670	337		1,300 79
35th st	Portland av	Park av	12	737	736	483 06	1,445 20
36th st	Chicago av	9th av S.	8	735	331	372 50	493 40
37th st	Blaisdell av	Pleasant av.	12	736	860	750 79	1,677 00
38th av N	2d st	3d st	12	587	500	412 71	1,294 88
39th st	Chicago av	12th av. S.	8	666	1,367	1,277 50	1,816 10
40th av N. E.	Broadway st	18th av	8	740	2,750	2,086 75	3,588 70
Van Buren st	Central av	Broadway st	8	741	1,457	1,530 10	1,868 10
Wash av	30th av	32d av	8	742	900	962 44	1,280 00
Wash st	5th st N. E.	Summer st.	12	743	819	719 42	1,507 05
					100,604	\$180,143 05	\$185,658 30

* Laid in the year 1890.

† Laid in the year 1891.

‡ Part of.

SUMMARY.

Laid in 1890 and 1891	Feet	Amount.
.....	8,103	\$ 31,117 75
.....	101,501	154,540 55
	100,604	\$185,658 30

SUMMARY OF TABLE NO. 24, EMBRACING THAT WATERMAIN ONLY WHICH IS TO BE LAID IN 1892.

Size, inches.	Length, feet	Rate	Estimated cost
6	67,985	\$1 30	\$88,380 50
8	19,104	1 40	26,745 60
12	6,736	1 95	13,135 20
16	4,445	2 55	11,334 75
24	3,321	4 50	14,944 50
Total (10 24-100 miles)	101,501	.. ..	\$154,540 55

TABLE No. 25.
STREET SPRINKLING FOR THE SEASON OF 1891.

WARD.	Front feet sprinkled.	Average cost per front foot.	Total cost.
		cts. mills.	
First ..	73,575	.5 7 7-10	\$4,246.21
Second ..	108,403	.5 5 7-10	4,043.82
Third ..	207,000	.4 0 5-10	8,289.25
Fourth ..	209,559	.5 1 8-10	10,843.24
Fifth ..	244,168	.5 6 4-10	13,777.45
Sixth ..	85,813	.6 4 6-10	5,553.16
Seventh ..	80,565	.6 1 5-10	3,729.01
Eighth ..	202,839	.4 3 6-10	8,842.15
Ninth ..	65,517	.6 0 4-10	3,957.12
Tenth ..	9,455	.5 5 2-10	524.41
Eleventh ..	145,289	.4 5 4-10	6,548.97
Twelfth ..	18,722	.6 8 3-10	1,278.46
Thirteenth ..	6,898	.5 1 1-10	351.11
135 17-100 miles of street exclusive of crossings.....	1,437,951	.5 1 5-10	\$74,095.43

TABLE No. 26.
STREET SPRINKLING FOR THE SEASON OF 1892.

WARD.	RATE OF ASSESSM'T		FRONT FEET ASSESSED.		Total.	AMOUNT OF ASSESSMENT.		Total assessment.
	Dirt streets.	Paved streets.	Dirt streets.	Paved streets.		Dirt streets.	Paved streets.	
First ..	.045	.065	76,945	10,796	89,745	\$3,552.50	\$701.91	\$4,254.41
Second ..	.066	.095	88,152	55,308	143,545	5,729.47	3,600.18	9,329.65
Third ..	.02	.04	177,018	89,115	216,134	3,541.51	1,544.60	5,106.11
Fourth ..	.03	.085	151,713	69,539	221,252	7,586.65	5,930.52	13,500.17
Fifth ..	.045	.07	168,800	89,534	256,343	7,506.43	7,546.43	15,052.86
Sixth ..	.075	.085	89,515	12,987	102,502	6,712.43	1,104.20	7,816.63
Seventh ..	.08	.14	94,530	4,822	94,530	4,736.33	647.21	5,383.54
Eighth ..	.04	.04	212,789	4,722	222,184	8,470.63	190.89	8,661.52
Ninth ..	.07	.07	99,570	2,302	102,226	6,969.86	167.44	7,137.30
Tenth ..	.07	.04	9,427	.....	9,427	659.93	.....	659.93
Eleventh ..	.05	.....	162,080	.....	162,080	8,980.95	.....	8,980.95
Twelfth ..	.05	.....	33,209	.....	33,209	1,680.38	.....	1,680.38
Thirteenth ..	.06	.....	11,981	.....	11,981	717.65	.....	717.65
.....	.....	.....	1,375,727	280,154	1,654,881	\$66,773.08	\$21,443.87	\$88,216.95

•Park avenue 14c.

157.66 miles of street exclusive of crossings.

TABLE NO. 27.
STREET COMMISSIONERS' WORK FOR 1901.

WARD.	Square yards of pavement in ward, Jan. 1, 1901.	Average cost per square yard of cleaning pavement.	Cost of sweeping and cleaning paved streets.	COST OF SIDEWALK REPAIRS.			Cost of grading, street repairs, cleaning dirt, etc., building cross-walks, cleaning of snow, etc.
				Material.	Labor.	Total.	
First.....	30,160	Cts. mlla.		\$ 35.08	\$ 9.00	\$ 44.08	\$ 8,225.14
Second.....	131,800	1 5 34-100	\$2,010.87	189.26	106.08	295.34	8,304.33
Third.....	127,834	1 9 14-100	2,447.82	190.96	45.19	236.15	26,224.60
Fourth.....	224,804	4 4 11-100	9,912.40	93.84	78.08	171.92	19,983.07
Fifth.....	208,904	3 0 21-100	8,123.60	212.48	321.67	534.15	5,580.96
Sixth.....	41,080	4 4 85-100	1,842.00	85.28		35.28	4,782.06
Seventh.....				65.29	107.28	172.57	8,007.28
Eighth.....	4,307	1 2	120.48		24.30	24.30	12,380.63
Ninth.....	2,954			24.80	19.08	43.88	7,643.05
Tenth.....							8,788.31
Eleventh.....	14,415	2 4 8-100	346.75	106.53	15.79	122.32	5,512.32
Twelfth.....				68.61		68.61	7,643.40
Thirteenth.....							7,571.74
Total.....	826,243	3 0 57-100	\$24,865.01	\$1,068.01	\$726.31	\$1,794.32	\$140,850.84

TABLE NO. 28
CONDUITS FOR UNDERGROUND WIRES LAID PREVIOUS TO JANUARY 1, 1902

The Dorset conduits were laid by a company for the purpose of renting space to the various electrical companies. The city wires are laid in these conduits without any cost of rental. The other conduits are laid for the exclusive use of the companies laying them. Through the business portion of the city, the Street Railway Company has 14,000 feet of conduit containing their feed wires.

STREET	FROM	TO	NORTHWESTERN TELEPHONE EXCHANGE			MINNEAPOLIS ELECTRIC SUBWAY CO. DORSET & IRON PIPE			EDISON LIGHT & POWER COMPANY			WESTERN UNION TELEGRAPH COMPANY			Total length of conduits, feet
			Number of conduits	Length of conduit, feet	Side of street	Number of conduits	Length of conduit, feet	Side of street	Number of pipe three feet in each	Length of pipe, feet	Side of street	No. of pipes	Length of pipe, feet	Side of street	
Block 1, Hoag	Henrietta av	Center of block	1	25	..	1	25	..	1	25	..	1	25	..	254
Block 4, Hoag and	Henrietta av	Center of block	1	100	..	1	100	..	1	100	..	1	100	..	100
Block 12, Mpls	Center of block 12	Center of block 23	1	404	..	1	404	..	1	404	..	1	404	..	404
Block 21	1st st N	Center of block	1	221	..	1	221	..	1	221	..	1	221	..	221
Block 33	Center of blk 23	Center of block 36	1	440	..	1	440	..	1	440	..	1	440	..	440
Block 34	2d av N	Center of block	1	184	..	1	184	..	1	184	..	1	184	..	184
Block 35	2d av N	Center of block	1	223	..	1	223	..	1	223	..	1	223	..	223
Block 36	Wash av N	Center of block	1	186	..	1	186	..	1	186	..	1	186	..	186
Block 37	Wash av S	Center of block	1	136	..	1	136	..	1	136	..	1	136	..	136
Block 38	Wash av S	Center of block	1	178	..	1	178	..	1	178	..	1	178	..	178
Block 39	2d av N	Center of block	1	215	..	1	215	..	1	215	..	1	215	..	215
Block 40	4th av S	Center of block	1	110	..	1	110	..	1	110	..	1	110	..	110
Block 41	4th av S	Center of block	1	88	..	1	88	..	1	88	..	1	88	..	88
Block 42	4th av S	Center of block	1	194	..	1	194	..	1	194	..	1	194	..	194
Block 43	2d av S	Center of block	1	121	..	1	121	..	1	121	..	1	121	..	121
Block 44	2d av S	Center of block	1	187	..	1	187	..	1	187	..	1	187	..	187
Block 45	2d av S	Center of block	1	137	..	1	137	..	1	137	..	1	137	..	137
Block 46	2d av S	Center of block	1	141	..	1	141	..	1	141	..	1	141	..	141
Block 47	Henrietta av	Center of block	1	244	..	1	244	..	1	244	..	1	244	..	244
Block 48	Wash av N	Center of block	1	230	..	1	230	..	1	230	..	1	230	..	230
Block 49	2d av N	Center of block	1	188	..	1	188	..	1	188	..	1	188	..	188
Block 50	2d av N	Center of block	1	160	..	1	160	..	1	160	..	1	160	..	160

Iron Pipe.

TABLE NO. 5—Continued.

FOR E OF E.	Intersecting Street.	No. and location of Hy- drants.	No. of Gates and side of street on which located.								
			4	6	8	10	12	16	24	30	36
at av.	Half way.....	1									
	W 31st st.....	1 NW									
	Half way.....	1									
	W 32d st.....	1 NW		1 N	1 S						
h st...	1/2 way W 33d..	1		1 S							
h st...	Hennepin av..	1 N									
	Hennepin av..			1 N							
	Mary place...	1 SW									
	Nicollet av..	1 SE									
	1st av. S.....	1 NE									
	2d av. S.....	1 NE			1 N						
	3d av. S.....	1 SE									
	4th av. S.....	1 SE									
	5th av. S.....				1 N		1 S				
	6th av. S.....	1 SE									
	7th av. S.....	1 SE					1 N				
	8th av. S.....	1 SE					1 S				
	9th av. S.....	1 SE									
h st...	10th av. S.....	1 SE									
	11th av. S.....						2 N & S				
	12th av. S.....	1*									
	13th av. S.....	1 NW					1 S				
	14th av. S.....	1 NE									
	15th av. S.....	1 NE									
	16th av. S.....	1 NE					2 N & S				
	17th av. S.....	1 SE									
	Cedar av.....	1 NE									
	21st av. S.....	1 SE									
	22d av S.....			1 W							
	23rd av. S.....	1 SE		1 E							
	24th av.....	1 SE									
	25th av. S.....	1 SE									
	26th av.....	1 SE									
	27th av. S.....	1 SE									
	28th av. S.....	1 SE		1 W							
av. N.	29th av. S.....	1 SW									
	N 1st st.....	1 NW									
	N 2d St.....			1 W							
	N 2d st.....			1 E							
	N 5th st.....			1 W							
	Hoag av.....	1 SE									
	Bradford av..	1 SE									
	Oak Lake av..	1 SE		1 E							
	1/2 way to Lyn.	1									
	Lyndale av..			1 E							
	Glrand av.....				2 E & W						
	Humboldt av..	1 NE									
	Irving av.....	1 NE									
	Elwood av....	1 NE		1 W	1 E						
	Logan av.....	1 NE		1 E							
av. S..	Wash. av.....			1 W							
	S 3d st.....	1 NW									
	S 4th st.....	1 NW		2 E & W							
	S 5th st.....	1 NW									
	S 6th st.....			2 E & W							
	S 7th st.....	1 NW									
	S 8th st.....	1 NW									
	S 9th st.....	1 NW									
	S 10th st.....			1 E							
. S.....	E Franklin av			1 S							
	Half way.....	1									
	E 22d st.....	1 NW									
	Half way.....	1									
	E 24th st.....	1 NW		1 N							
	E Lake st.....	1 SW		1 S			1 N				
	E 31st st.....	1 NW									
	E 32d st.....	1 NW		1 N 1 S							
	E 33d st.....	1 NW									
	E 34th st.....	1 NW		1 N							
. N.....	N 2d st.....						1 W				
. N.....	1st av N.....	1 SE		1 N							
	Western av.....			1 S							
	Western av.....			1 N							
	Holden st.....	1 SE									
. S.....	Hennepin av..			1 S							
	Harmon pl....	1 NW		1 N							
	Mary pl.....	1 SE									

*On west of small park.

TABLE NO. 5.—Continued

R OF	Intersecting street	No and location of hy- drants	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
S.V.	17th av N	1 SW		1 N								
	18th av N	1 SW										
	20th av N	1 SW		1 S								
S.V.	W Franklin av	1 SW		1 S								
	W 22d st.	1 NW										
	W 24th st.	1 NW		1 N								
S.V.	W 26th st.	1 NW										
	W 27th st.	1 NW		1 N								
	Bluff st.	1 SW										
S.V.	33d st.	1 SE										
	S Wash. av			2 S								
	33d st.	1 NW										
S.V.	34th st.	1 SW		1 S								
	36th st.	1 SW			1 N & S							
	37th st.	1 SW										
S.V.	Minnehaha av	1 SW		1 N & S								
	39th st.	1 SW										
	E Franklin av			1 N & S								
S.V.	E 2d st & 1/2 way.	1										
	E 22d st.	1 NW										
	Half way	1										
S.V.	E 24th st.	1 NW			1 S							
	Half way	1										
	E 25th st.	1 NW										
S.V.	Half way	1										
	E 26th st.	1 NW			1 S							
	Half way	1										
S.V.	E 27th st.	1 NW										
	Half way	1										
	E 28th st.	1 NW			1 N							
S.V.	E 29th st.	1 NW										
	Half way	1										
	E Lake st.	1 NW										
S.V.	E Lake st.			1 N, 1 S								
	E 31st st.	1 NW			1 S							
	E 29d st.	1 NW										
S.V.	E 33d st.	1 NW										
	E 34th st.	1 NW			1 N							
	N 11th st.	1 SW		1 N								
S.V.	N 12th st.	1 SW										
	Half way	1										
	N 15th st.	1 SE		1 E								
S.V.	E 10th st.	1 SW			1 S							
	E 15th st.	1 NW										
	E 16th st.	1 NW										
S.V.	E 17th st.	1 NW			1 N							
	E 18th st.	1 NW										
	E 19th st.	1 NW										
S.V.	E Franklin av	1 NW		2 N & S								
	E 21st st.	1 NW										
	E 22d st.	1 NW										
S.V.	E 23d st.	1 NW										
	E 24th st.	1 NW										
	Half way	1										
S.V.	E 25th st.	1 NW			2 N & S							
	Half way	1										
	E 26th st.	1 NW										
S.V.	Half way	1										
	E 27th st.	1 NW			2 N & S							
	Half way	1										
S.V.	E 28th st.	1 NW										
	Half way	1										
	E 29th st.	1 NW										
S.V.	Half way	1										
	E Lake st.	1 NW			1 N							
	E Lake st.				1 S							
S.V.	E 31st st.	1 NW										
	E 32d st.	1 NW			1 N							
	E 33d st.	1 NW										
S.V.	E 34th st.	1 NW			1 N		1 S					
	E 35th st.	1 NW										
	E 36th st.	1 NW					1 N					
S.V.	E 37th st.	1 NW										
	E 38th st.						1 N					
	Vine place			1 W								

*Is between two Washington avenue pipes.

TABLE NO. 5.—Continued.

STREET OR AVENUE OR PIPE.	Intersecting street	No. and location of hy- drants.	No. of gates and side of street on W					
			1	6	8	10	12	M
Clifton av	Sixth way	....					
	Third way	....					
	Half way	....		1				
	4 way	....					
	5-6 way	....					
Clinton av.	Clifton place	....		1				
	E Grant st	1 SW			1 S			
	E 14th st	1 NW						
	E 15th st	1 NW						
	E 16th st	1 NW						
	E 17th st	1 NW						
	E 18th st	1 NW			1 N			
	E 19th st	1 NW						
	E Franklin av	1 NW			2 N & S			
	Half way	1						
	E 23d st	1 NW						
	Half way	1						
	E 24th st	1			1 N			
	E 25th st	....					
	Half way	1			1 S			
	E 27th st	1 NW						
	Half way	1						
	E 27th st	1 NW			2 N & S			
	E 28th st	1 NW						
	E Lake st	1 SW			1 S			
S Colfax av	E 31st st	1 NW						
	E 32d st	1 NW						
	E 10th st	....			1 N & S			
	E 33d st	1 NW			1 N			
	Mt. Curve av.	1 SW			1 S			
	Douglas av.	1 NW						
	Hennepin av	1 SW			1 S			
	W 23d st	1 NW						
	W 24th st	....			1 N			
	W 24th st	1 SW						
	W 24th st	1 NW			1 N			
	W 26th st	1 NW						
	W 27th st	1 NW			1 N			
	W 27th st	....			1 S			
	W 28th st	1 NW						
Crystal L. av.	W Lake st	1 SW			1 S			
	W 31st st	1 NW						
	W 32d st	1 NW			1 N			
	N James av	1 S						
	N Knox av	1 NE						
	N Logan av	1 NE						
	N Morgan av	1 NE						
	N Newton av	....			1 N			
	Alley to north	1 NE						
	23d av. N	1 NE						
N Dupont av	Alley to west	1 NE						
	N Penn av	1 NE			1 E			
	6th av. N	....					
	11th av. N	....			1 N			
	Half way	1						
	12th av. N	1 SW						
	Plymouth av	1 SW			1 N, 1 S			
	14th av. N	1 SW			2 N & S			
	15th av. N	1 SW						
	16th av. N	1 SW			2 N & S			
	17th av. N	1 SW						
	18th av. N	1 SW						
	Half way	1						
	20th av. N	....			2 N & S			
	21st av. N	1 SW						
S Dupont av	22d av. N	1 SW						
	23d av. N	1 SW						
	24th av. N	1 SW			1 N			
	25th av. N	1 SW						
	26th av. N	1 SW			1 S			
	W 26th st	1 SW						
	W 27th st	....			2 N & S			
	W 28th st	1 NW						
	W 29th st	1 SW			2 N & S			
	W Lake st	....			2 N & S			

*On W. of small park.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on					
			4	6	8	10	12	16
11th st. S.....	Nicollet av ..	1 SE		2 N & S				
	1st av S	1 NE						
	3d av S	1 SE						
	4th av S	1 SE						
	5th av S				1 N			
	1st av S			1 S				
	3d av S	1 NE						
11th av. N....	3d av S			1 N	1 S			
	N 7th st			1 W				
	N 6th st	1 NE						
	Lyndale av ..	1 NE		2 E & W				
	Aldrich av ..	1 NE						
	Bryant av ..	1 NE		1 E				
	Dupont av ..	1 NE						
	Emerson av ..	1 NE		1 E				
	Fremont av ..	1 NE						
	S 2d st						1 W	
	Wash av						2 E & W	
	S 3d st	1 NE						
	Flush							
	S 4th st	1 NW						
	S 5th st	1 NW						
	Flush						1 W	
	S 6th st	1 NW						
	Flush							
	S 7th st	1 NW						
	S 8th st	1 NE						
	Flush						1 E	
	E 14th st	1 SW						
	S 9th st	1 SW						
	E 17th st	1 NW						
	E 18th st	1 NW						
	E 19th st	1 NW						
	E 20th st	1 NW						
	E Franklin av.	1 NW					2 N & S	
	E 21st st	1 NW						
	E 22d st	1 NW						
	E 23d st	1 NW						
	E 24th st	1 NW					1 N	
11th av. S.....	E 38th st			1 S				
	E 39th st	1 NW						
Elwood av....	6th av N	1 NW		1 N				
	Irving av	1 SE						
N Emerson av	6th av N			1 N				
	Half way	1						
8th av N	8th av N	1 SW		2 N & S				
	Half way	1						
11th av N	11th av N	1 SW		1 N				
	Half way	1						
12th av N	12th av N	1 SW						
	Plymouth av ..	1 SW		2 N & S				
14th av N	14th av N	1 SW						
	15th av N	1 SW						
16th av N	16th av N			1 S				
	1/2 way from 18th to 20th av N	1						
20th av N	20th av N	1 SW		1 S				
	21st av N	1 SW		2 N & S				
22d av N	22d av N	1 SW						
	23d av N	1 SW						
24th av N	24th av N	1 SW						
	5th av N	1 NW						
6th av N	6th av N	1 SW		1 S				
	25th av N	1 SW						
26th av N	26th av N	1 SW		1 N 1 S				
	27th av N	1 SW						
29th av N	29th av N	1 SW		1 S				
	W 27th st			1 S				
S Emerson av	W 28th st	1 NW						
	Lyndale av ..	1 NE		1 E				
Erie av	N 1st st	1 NW						
	N 2d st			2 E & W				
Wash av	Wash av	1 NE						
	N 3d st	1 NE						
15th av S.	Wash. av.			1 W				
	S 3d st	1 NE						

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE	Intersecting street.	No and location of hy- drants.	No. of gates and side of street on which situated.									
			1	6	8	10	12	16	24	30	36	48
E Fourth st.	13th av. S.	1 SW										
	14th av. S.	1 NW						1 S				
	15th av. S.	1 SW										
	16th av. S.	1 SW										
	Cedar av.	1 SE										
	Cedar av.	1 SW		1								
	19th av. S.	1 SE										
	20th av. S.	1 SE										
	21st av. S.	1 SE										
	22d av. S.	1 SW		1 W	1 E							
Fourth av. N.	N. 1st st.											
Fourth av. S.	Alley.	1 NW										
	East of tracks	2										
	Wash. av.	1 NW		1 W								
	S. 3d st.			2 E&W								
	S. 4th st.	1 NW										
	S. 5th st.	1 NW										
	S. 6th st.	1 NW		2 E&W								
	S. 7th st.	1 NW										
	S. 8th st.	1 NW		1 W								
	S. 9th st.	1 NW		2 E&W								
N. 14th st.	S. 10th st.											
	S. 11th st.	1 NE										
	E. Grant st.	1 NW										
	E. 14th st.	1 NW										
	E. 15th st.	1 NW										
	E. 16th st.	1 NW		1 N								
	E. 17th st.	1 SW										
	E. 18th st.	1 NW		1 S								
	E. 19th st.	1 NW										
	E. Franklin av.	1 NW		2 N&S								
E. Franklin av.	E. 22d st.	1 NW										
	E. 24th st.	1 NW		2 N&S								
	Half way	1										
	E. 25th st.			2 N&S								
	E. 26th st.	1 NW										
	E. 32d st.	1 SW										
	E. 33d st.	1 NW		1 N								
	E. 19th st.			1 N 1 S								
	E. 31st st.	1 SW										
	Hennepin av.			1 N								
N. 14th st.	Nicollet av.	1 SE			1 E							
	1st av. S.	1 SE										
	Waters											
	Stevens av.	1 SE										
	2d av. S.	1 SE										
	3d av. S.	1 SE		2 E&W	2 E&W							
	Clinton av.	1 SE										
	4th av. S.	1 SE										
	5th av. S.	1 SE										
	Portland av.	1 SE		1 E	1 W							
E. Franklin av.	Portland pl.	1 SE										
	Park av.	1 SE										
	Park pl.	1 SE										
	Chicago av.	1 SE										
	9th av. S.	1 SE			1 W							
	10th av. S.	1 SE										
	11th av. S.	1 SE										
	12th av. S.	1 SE										
	13th av. S.	1 SE										
	14th av. S.											
E. Franklin av.	(southward)	1 SW			1 W							
	15th av. S.	1 SE										
	Bl'm'ngt'n av.	1 SE										
	16th av. S.											
	(southward)	1 SE										
	17th av. S.	1 SE										
	18th av. S.	1 SE										
	Cedar av.	1 SW			1 W							
	Milwaukee R. R.	1 E			1 E							
	19th av. S.	1 SE										
E. Franklin av.	Minnehaha av.			1 E	1 W							
	20th av. S.	1 SE										
	21st av. S.	1 SE										
	22d av. S.	1 SE										

*Waste gate.

TABLE NO. 24.—Continued.

STREETS.	FROM--	TO -	Size— Inches	No of Extensions	Estimated Length—feet	Amount of Assessm't	Estimated cost
22d st . . .	Irving av. . .	Lake Isle boul.	6	733	407	369 74	529 10
23d av . . .	9th st . . .	Franklin av	6	607	445	200 20	504 65
23d av . . .	Central av	Fillmore st	8	738	1,329		1,727 70
23d av . . .	Fillmore st	Johnson st.	8	739	1,313	2,551 06	1,708 0
24th av . . .	2d st . . .	River	8	730	843	1,108 00	1,095 00
25th av . . .	Wash av	Lyndale av	8	727	1,604	1,311 05	2,085 20
25th av . . .	Hillside av	Penn av	8	728	411	509 52	575 40
25th st . . .	Irving av	Lake Isle boul.	8	739	913	955 50	1,186 00
26th av . . .	2d st . . .	River	8	734	1,373	1,422 20	1,922 20
26th av . . .	Dupont av	Dupont av	12	735	143	158 06	278 85
26th av . . .	Lyndale av	Aldrich av	12	736	306	420 81	772 20
26th av . . .	Franklin av	1/2 way bet 25th & 26th sts	18	8670	2,314	2,751 05	5,900 70
26th av . . .	25th st . . .	325' s of 25th st	18	8670	337		1,309 79
26th st . . .	Portland av	Park av	12	737	736	483 08	1,435 20
26d st . . .	Chicago av	9th av S	8	725	331	372 50	453 40
26d st . . .	Blaisdell av	Pleasant av.,	12	726	880	756 79	1,677 00
26th av S . .	2d st . . .	5d st . . .	12	587	500	412 71	1,284 88
26th st . . .	Chicago av	12th av, S	6	668	1,307	1,277 50	1,815 10
Univ av N E	Broadway st	18th av	8	740	2,750	2,086 75	3,586 70
Van Buren st	Central av	Broadway st	0	141	1,437	1,530 10	1,898 10
Wash av N	30th av	32d av	8	742	900	162 44	1,290 00
Wash st	5th st N E	Summer st.	12	741	819	719 42	1,507 05
					100,804	\$180,143 05	\$185,658 30

* Laid in the year 1890.

* Laid in the year 1891.

* Part of

SUMMARY.

Laid in 1890 and 1891 . . .

Total laid in 1892 . . .

Feet.	Amount
8,103	\$ 31,117 75
101,591	154,540 55
109,694	\$185,658 30

SUMMARY OF TABLE NO. 24, EMBRACING THAT WATERMAIN ONLY WHICH IS TO BE LAID IN 1892.

	Size, Inches	Length, feet	Rate.	Estimated cost
	6	87,985	\$1 30	\$28,390 50
	8	19,104	1 40	26,745 60
	12	6,736	1 95	13,135 20
	18	4,445	2 55	11,334 75
	24	3,321	4 50	14,944 50
Total (19 24+100 miles)	.....	101,591	....	\$154,540 55

TABLE NO. 5.—Continued.

No. of	Intersecting street	No. and location of hydrants	Number of gates and side of street on which situated							
			5	8	10	12	16	24	30	36
	E 24th st.	1 NW								
	W 2d st.		1 E, 1 W							
	E 19th st.	1 NE								
	E Franklin av.	1 NE	1 N							
	E 26th st.			1 S						
	E 27th st.	1 NE								
	E 28th st.	1 NE		1 N						
	E 29th st.	1 NE								
	E Lake st.	1 NE		1 N						
	S 1st st.	1 SW								
	S 2d st.	1 SE								
	Wash av.	1 SE	1 E							
	S 8th st.	1 SW	1 W							
	S 9th st.	1 SW	1 W							
	angle.	1								
	E 18th st.	1 NE								
	E Franklin av.			1 E						
	E 31st st.	1 NW								
	E 22nd st.	1 NW								
	E 23rd st.	1 NW								
	E 24th st.	1 NW		1 N						
	E 25th st.	1 NW								
	E 26th st.			1 N						
	1st av S.	1 SE	1 W					1 E		
	Stevens av.	1 SE								
	2d av S.	1 SE								
	3d av S.	1 SE	1 E					1 W		
	Portland av.	1 SE	1 E							
	Park av.	1 SW								
	South 10th st.	1 SW								
	Chicago av.	1 NE								
	9th av S.	1 NW								
	10th av S.	1 NW								
	11th av S.	1 NW	1 W							
	Willow st.	1 NE								
	Hennepin av.		1 N							
	1st av N.	1 SW	1 N							
	2d av N.	1 SW	2 N & S							
	3d av N.	1 SW	1 S							
	4th av N.	1 NW								
	7th av N (eastward)		1 N							
	7th av N. (westward)	1 SW								
	Half way.	1	*1							
	8th av N.	1 SW	1 N							
	9th av N.	1 SW								
	10th av N.	1 SW								
	11th av N.	1 SW								
	12th av N.	1 SW								
	Plymouth av.	1 NE								
		1 SW	2 N & S							
	14th av N.	1 NE								
	15th av.	1 NE	1							
	16th av.	1 SE								
	17th av.	1 SW								
	18th av.	1 SW								
	Half way.	1								
	20th av N.		1 N							
			1 S							
	21st av N.	1 SW								
	Hennepin av.	1 SW		1 S						
	Nicollet av.	1 SW		1 S						
	1st av S.	1 NW								
	2d av S.	1 NW	1 S							
	3d av S.	1 NE								
	4th av S.	1 NE	1 S							
	5th av S.	1 NE	2 N & S							
	6th av S.	1 SW	1 N			1 S				
	7th av S.	1 SW				1 S				
	8th av S.	1 SW				1 S				
	9th av S.	1 SW				1 S				
	10th av S.	1 SW				1 N	1 S			
	11th av S.	1 SW								
	12th av S.	1 SW								

* Waste gate into creek.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No and location of hy- drants.	No. of gates and side of street on which s						
			1	6	8	10	12	16	
S Fourth st...	13th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....
	14th av. S.....	1 NW	.....	.....	.....	.....	.....	1 S	.....
	15th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....
	16th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....
	Cedar av.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	Cedar av.....	1 SW	.....	1	.....	.....	.....	.....	.....
	19th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	20th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	21st av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	22d av. S.....	1 SW	.....	1 W	1 E	.....	.....	.....	.....
Fourth av. N.	N. 1st st.....	.....	.....	.....	.....	.....	.....	.....	.....
Fourth av. S..	Alley.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	East of tracks	2	.....	.....	.....	.....	.....	.....	.....
	Wash. av.....	1 NW	.....	1 W	.....	.....	.....	.....	.....
	S. 3d st.....	.....	.....	2 E&W	.....	.....	.....	.....	.....
	S. 4th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	S. 5th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	S. 6th st.....	1 NW	.....	2 E&W	.....	.....	.....	.....	.....
	S. 7th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	S. 8th st.....	1 NW	.....	1 W	.....	.....	.....	.....	.....
	S. 9th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	S. 10th st.....	.....	.....	2 E&W	.....	.....	.....	.....	.....
	S. 11th st.....	1 NE	.....	.....	.....	.....	.....	.....	.....
	E. Grant st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	E. 14th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	E. 15th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	E. 16th st.....	1 NW	.....	1 N	.....	.....	.....	.....	.....
	E. 17th st.....	1 SW	.....	.....	.....	.....	.....	.....	.....
	E. 18th st.....	1 NW	.....	1 S	.....	.....	.....	.....	.....
	E. 19th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	E. Fr'nklin av.	1 NW	.....	2 N&S	.....	.....	.....	.....	.....
	E. 22d st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	E. 24th st.....	1 NW	.....	2 N&S	.....	.....	.....	.....	.....
	Half way.....	1	.....	.....	.....	.....	.....	.....	.....
	E. 25th st.....	.....	.....	2 N&S	.....	.....	.....	.....	.....
	E. 26th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....
	E. 32d st.....	1 SW	.....	.....	.....	.....	.....	.....	.....
	E. 33d st.....	1 NW	.....	1 N	.....	.....	.....	.....	.....
	E. 19th st.....	.....	.....	1 N 1 S	.....	.....	.....	.....	.....
	E. 31st st.....	1 SW	.....	.....	.....	.....	.....	.....	.....
N. 14th st.....	Hennepin av.	.....	.....	1 N	.....	.....	.....	.....	.....
E. Fr'nklin av	Nicollet av.....	1 SE	.....	.....	1 E	.....	.....	.....	.....
	1st av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	Waters.....	.....	.....	.....	.....	.....	.....	.....	.....
	Stevens av.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	2d av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	3d av. S.....	1 SE	.....	*2 E&W	2 E&W	.....	.....	.....	.....
	Clinton av.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	4th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	5th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	Portland ax.....	1 SE	.....	1 E	1 W	.....	.....	.....	.....
	Portland pl.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	Park av.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	Park pl.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	Chicago av.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	9th av. S.....	1 SE	.....	.....	1 W	.....	.....	.....	.....
	10th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	11th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	12th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	13th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	14th av. S.....	.....	.....	.....	.....	.....	.....	.....	.....
	(southward)	1 SW	.....	.....	1 W	.....	.....	.....	.....
	15th av S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	Bl'm'ngt'n av.	1 SE	.....	.....	.....	.....	.....	.....	.....
	16th av. S.....	.....	.....	.....	.....	.....	.....	.....	.....
	(southward)	1 SE	.....	.....	.....	.....	.....	.....	.....
	17th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	18th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	Cedar av.....	1 SW	.....	.....	1 W	.....	.....	.....	.....
	Milw'kee R. R.	1 E	.....	.....	1 E	.....	.....	.....	.....
	19th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	Minnehaha av.....	.....	.....	1 E	1 W	.....	.....	.....	.....
	20th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	21st av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....
	22d av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....

*Waste gate.

TABLE NO. 5—Continued.

ST OR CE OF T.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
klin av	23d av. S.....	1 SE										
	24th av. S.....	1 SE										
	Half way.....			1								
	25th av. S.....	1 NW										
klin av.	Nicollet av.....						1 W					
	Blaisdell a v..	1 SE										
	Lindley av.....	1 SE										
	Pleasant av....	1 SE					1 E					
	Grand av.....	1 SE										
	Harriet av.....	1 SE										
	Garfield av....	1 SE										
	Lyndale av.....	1 SE					1 E					
	Hennepin av..	1 SE				1 E						
nont av	6th av. N.....			1 N								
	Half way.....	1										
	8th av. N.....	1 SW		2 N&S								
	Half way.....	1										
	11th av. N.....	1 SW										
	Plymouth av..	1 SW		1 S								
	21st av. N.....	1 SW		1 N 1 S								
	22d av. N.....	1 SW										
	23d av. N.....	1 SW		1 N								
	24th av. N.....	1 SW										
	25th av. N.....	1 SW										
	26th av. N.....	1 SW		1 N 1 S								
	27th av. N.....	1 SW										
	nont av	W. 27th st.....			1 S							
W. 28th st.....		1 NW										
r. N....	N 2d st.....	1 SW						1 W				
	N Lyndale av							1 E 1 W				
r. N....	N 2d st.....							*1				
	N 2d st.....	1 NW							1 W			
ld av...	N Lyndale av	1 NE			1 E							
	W 26th st.....	1 SW										
	Half way.....	1										
	W 27th st.....			1 N								
	W 24th st.....	1 SW		1 S								
	W 25th st.....	1 NW										
	W 26th st.....			1 N 1 S								
	5th av. N.....	1 NW										
	6th av. N.....	1 SW		2 N & S								
	Half way.....	1		1								
ard av..	8th av. N.....	1 SW		1 W 1 S								
	Half way.....	1										
	11th av. N.....	1 SW		1 N								
	12th av. N....	1 SW										
	Plymouth av..	1 SW		1 S								
	W Lake st.....	1 SW		1 S								
	W 31st st.....	1 NW										
d av.....	W Franklin av			1 S								
	W 22d st.....	1 NW										
	W 24th st.....	1 NW		1 N								
	W Lake st.....	1 SW		1 S								
	Half way.....	1										
	W 31st st.....	1 NW										
	W 26th st.....	1 SW										
	W 27th st.....	1 NW		1 N								
	rant st...	1st av. S.....			1 W							
		3d av. S.....						2 E& W				
		Nicollet av....	1 NE		1 E							
	rant st..	1st av. S.....	1 NW									
		Nicollet av....			1 W							
	eland av	Clifton place..	1 SE									
Hennepin av..		1 SW				1 W	†1					
½ way.....		1										
½ way Hill'de		1										
onplace	Lyndale av....	1 SE		1 E								
	8 12th st.....	1 NE		2 E & W								
	8 13th st.....	1 NE										
	Spruce place..	1 NE										
	Willow st.....	1 NE										
	Maple st.....	1 NE										
	Hennepin av..	1 NE		1 E								
av....	W Frank. av..			1 S								
	W 22d st.....	1 NW										

*Side of Hennepin.

†Between Hennepin and Lyndale pipes.

TABLE NO. 5—Continued.

OR OF	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.							
			4	6	8	10	12	14	24	30
le av	Superior av.	1 NW							1 N	
	Huron av.	1 NW								
	Erie av.	1 SW								
	Ontario av.	1 SW								
	Laurel av.								1 N	
	Hawthorne av.									
	Chestnut av.	1 SW							1 N	
	1st av. N.	1 SW							1 S	
	Western av.	1 SW							1 N	
	3d av. N.	1 SW								
	4th av. N.	1 SW								
	5th av. N.	1 SW							1 S	
	7th av. N.	1 SW								
	8th av. N.	1 SW							1 N	
	11th av. N.								1 S	
	½ w'y 11 av. N. to 12th av. N.	1								
	12th av. N.	1 SW								
	Plymouth av.	1 SW								
	14th av. N.	1 SW							2 N & S	
	15th av. N.	1 SW								
	16th av. N.	1 SW								
	Oakland av.	1 SW								
	Mississippi av.	1 SW								
	3d av. N.	1 SW							1 S	1 N
	33d av. N.	1 SW								
	34th av. N.	1 SW							1 S	
	17th av. N.	1 SW								
	18th av. N.	1 SW								
	Half way.	1								
	20th av. N.	1 SW							1 N	
	21st av. N.	1 SW								
	22d av. N.	1 SW								
	23d av. N.	1 SW							1 N	
	24th av. N.	1 SW								
	25th av. N.	1 SW								
	26th av. N.	1 SW							2 N & S	
	27th av. N.	1 SW								
	28th av. N.	1 SW							1 S	
	29th av. N.	1 SW								
	30th av. N.	1 SW								
	31st av. N.	1 SW								
	40th av. N.	1 SW								
	41st av. N.				1 S					
le av	Superior av.								1 S	
	Vineland av.	1 NW								
	Groveland av.	1 SW							1 S	
	Summit av.	1 NW								
	Lincoln av.	1 NW								
	W Franklin av.	1 NW							2 N & S	
	W 22d st.			1						
	W 24th st.	1 SW							1 N	
	Half way.	1								
	W 25th st.	1 NW							2 N & S	
	W 26th st.	1 NW								
	W 27th st.				1 S				1 N	
	W 28th st.	1 NW								
	Half way.	1								
	R. R. tracks.				1 N					
	W 29th st.	1 NW								
sco.	Half way.	1								
	W Lake st.				2 N & S					
	Half way.	1								
	W 31st st.	1 NW								
	Half way.	1								
	W 32d st.	1 NW			1 N					
	S 12th st.			1 W						
	S 13th st.	1 NE		1 E						
hs av	Cedar av.	1 NE								
	E. Franklin av.	1 NE								
	30th av. S.						1 S			
	32d av. S.	1 SE								
	33d av. S.	1 SE								

*On hydrant branch for waste gate.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated.							
			4	6	8	10	12	16	24	30 36
Minneh'ha av	24th av. S.....	1 SE								
	25th av. S.....	1 SE								
	E. 26th st.....	1 NE					1 N			
N. Morgan av.	Western av.....			1 N						
	4th av N.....	1 SW								
	10th av N.....			1 S						
Mt. Curve av.	12th av N.....	1 SW								
	Emerson av.....	1 SE								
	Fremont av.....	1 SW					1 W			
	Girard av.....	1 SE								
	Humboldt av.....	1 SE								
	Irving av.....	1 SE				1 E				
	James av.....	1 SE								
	Knox av.....	1 SE								
	Logan av.....	1 SE								
	Newton av.....	1 SE				1 E				
	Hillside Place.....			1 N						
	S. 1st st.....			1 W						
Nicollet av....	S. 2d st.....	1 SW	1 E	1 W						
	Wash'ton av.....	1 SE	2 E & W							
	S. 3d st.....	1 Lowry 4 in pipe		1 E						
	S. 4th st.....	1 NE		1 W						
	S. 5th st.....	1 NE		1 W						
	S. 6th st.....	1 NW	2 E & W							
	S. 7th st.....	1 NW		1 W						
	S. 8th st.....	1 NE		1 W						
	S. 9th st.....	1 NW								
	S. 10th st.....		2 E & W							
	S. 11th st.....	1 NW								
	S. 12th st.....	1 NW	2 E & W							
	S. 13th st.....	1 NW								
	W. Grant st.....	1 SW								
	W. 14th st.....	1 NW								
	W. 15th st.....	1 op NE								
	Oak Grove st.....	1 NW								
	W. 18th st.....	1 NW								
	W. 19th st.....	1 NW		1 N						
	W. Fr'nklin av.....	1 NW			2 N & S					
	W. 33d st.....	1 SW			1 N, 1 S					
	W. 34th st.....	1 NW								
	Half way.....	1								
	W. 22d st.....	1 NW								
	Half way.....	1								
	W. 24th st.....	1 SW		1 N						
	W. 25th st.....	1 NW								
	W. 26th st.....	1 NW								
	W. 27th st.....	1 NW	2 N & S							
	W. 28th st.....	1 NW								
	W. 29th st.....	1 NW								
	W. Lake st.....	1 NW		1 N	1 S					
	Half way.....	1								
	W. 31st st.....	1 NW								
	Half way.....	1								
	W. 32d st.....	1 NW			1 N					
	35th st.....	1 NW			1 S					
	36th st.....	1 NW								
	37th st.....	1 NW								
E. 19th st.....	15th av. S.....	1 SE		1 E						
	16th av. S.....	1 SW								
W. 19th st.....	Lindley av.....	1 SE								
E. 19th st.....	3d av. S.....	1 SE		1 W					1 E	
	Clinton av.....	1 SE								
W. 19th st.....	4th av. S.....	1 SE								
	5th av. S.....						1 E		1 W	
	Ridgewood av.....	1 SW		1 W						
	Groveland av.....	1 SW								
19th av. N.....	Dell place.....	1 SE								
	S. Lyndale av.....	1 SE		1 E						
	W. 2d st.....		1 E	1 W						
	S. 5th st.....	1 SW		1 S						
	S. 6th st.....	1 NW								
19th av. S.....	S. 7th st.....	1 NW								
	S. 8th st.....	1 NW								
	S. 8th st.....	1 NW								
Ninth av. N..	N. 2d st.....			1 W						
N. Ninth st..	Hawthorn av.....	1 NW								

TABLE NO. 5.—Continued.

OR OF	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated.								
			4	6	8	10	12	16	24	30	36
st...	1st av. N.....							1 S			
	Western av....	1 SW									
st...	Hennepin av..			1 S							
	Mary place....	1 SW									
	Nicollet av....			1 S							
	1st av. S.....	1 NE									
	2d av. S.....	1 SE		1 N							
	3d av. S.....	1 SE									
	4th av. S.....	1 SE									
	5th av. S.....	1 NE		2 N & S							
	6th av. S.....	1 SE									
	11th av. S....			1 S					3		
	12th av. S....	1 SE									
S....	15th av. S....	1 SE		1 E							
	Alley.....	1 SW									
.S.	16th av. S....			1 W							
	E 14th st.....				1 S						
	E 15th st.....	1 W									
	E 16th st.....	1 NW									
	E 17th st.....	1 NW			1 S						
	E 18th st.....	1 NW									
	E 19th st.....	1 NW									
	E Franklin av.			1 S	1 N						
	E 21st st.....	1 NW									
	E 22d st.....	1 NW									
	E 24th st.....			1 S							
	E 25th st.....	1 NW									
	E 28th st.....			1 S							
	E 29th st.....	1 SW									
	E Lake st.....			1 N							
	E 24th st.....	1 NW		1 N							
	E 26th st.....	1 NW		1 N							
st.	Nicollet av....			1 W							
	Vine place....	1 SW									
	Spruce place..	1 SW									
	Near lot U....	1									
	Near lot E....	1		1							
	Near lot G, or angle.....	1									
	N'r Johnson's Lake.....	1									
	Hennepin av..	1 SW		1 E							
av.	6th av. N.....			1 N							
	8th av. N.....			1 S							
	17th av. N....	1 SW									
	Marshall av....										
	S 10th st.....	1 SW									
	Waters.....			2 N & S							
	E 14th st.....										
	E 15th st.....	1 NW									
	E 16th st.....	1 NW									
	E 17th st.....	1 NW		1 S							
	E 18th st.....	1 NW									
	E 19th st.....	1 NW									
	E Franklin av.	1 SW		2 N & S							
	Half way.....	1									
	E 22d st.....	1 NW									
	Half way.....	1									
	E 24th st.....	1 NW		1 N							
	E 25th st.....	1 NW									
	E 26th st.....	1 NW									
	(Waters).....			1 N							
	Half way.....	1									
	E 27th st.....	1 NW		2 N & S							
	E 28th st.....	1 NW									
	E 29th st.....	1 NW		*1 N							
	E Lake st.....	1 NW		1 S, 1 N							
	E 31st st.....	1 NW									
	E 32d st.....	1 NW									
av..	W 29th st.....	1 NW									
	W 29½ st.....	1 NW									
	W Lake st.....			1 N							
av..	W 24th st.....	1 SW			1 S						
	W 25th st.....	1 NW									
	W 26th st.....	1 SW			1 S						

*North of R.R. tracks.

TABLE NO. 5—Continued.

No.	Intersecting street.	No. and location of hydrants.	No. of gates and side of street on which situated.								
			1	6	8	10	12	16	24	30	36
A	Superior av.	1 NW								1 N	
	Huron av.	1 NW									
	Erle av.	1 SW									
	Ontario av.	1 SW									
	Laurel av.									1 N	
	Hawthorne av.								1 N		
	Chestnut av.	1 SW							1 N		
	1st av. N.	1 SW							1 S		
	Western av.	1 SW							1 N		
	2d av. N.	1 SW									
	3d av. N.	1 SW									
	4th av. N.	1 SW									
	5th av. N.	1 SW							1 S		
	6th av. N.	1 SW									
	7th av. N.	1 SW							1 N		
	8th av. N.	1 SW							1 S		
	11th av. N.										
	1/2 w'y 11 av. N. to 12th av. N.	1									
	12th av. N.	1 SW									
	Plymouth av.	1 SW									
	14th av. N.	1 SW						2 N & S			
	15th av. N.	1 SW									
	16th av. N.	1 SW									
	Oakland av.	1 SW									
	Mississippi av.	1 SW									
	32d av. N.	1 SW						1 S	1 N		
	33d av. N.	1 SW									
	34th av. N.	1 SW									
	17th av. N.	1 SW						1 S			
	18th av. N.	1 SW									
	Half way.										
	20th av. N.	1 SW						1 N			
	21st av. N.	1 SW									
	22d av. N.	1 SW									
	23d av. N.	1 SW						1 N			
	24th av. N.	1 SW									
	25th av. N.	1 SW									
	26th av. N.	1 SW							2 N & S		
	27th av. N.	1 SW									
	28th av. N.	1 SW						1 S			
	29th av. N.	1 SW									
30th av. N.	1 SW										
31st av. N.	1 SW										
B	Superior av.						1 S				
	Vinceland av.	1 NW								1 S	
	Groveland av.	1 SW									
	Summit av.	1 NW									
	Lincoln av.	1 NW									
	W. Franklin av.	1 NW								2 N & S	
	W 22d st.										
	W 24th st.	1 SW									
	Half way.	1								1 N	
	W 25th st.	1 NW								2 N & S	
	W 26th st.	1 NW									
	W 27th st.										
	W 28th st.	1 NW					1 S			1 N	
	Half way.	1									
	R. R. tracks.						1 N				
	W 29th st.	1 NW									
	Half way.	1									
	W. Lake st.						2 N & S				
	Half way.	1									
	W 31st st.	1 NW									
C	Half way.	1									
	W 32d st.	1 NW									
	S 12th st.										
	S 13th st.	1 NE									
	Oscar av.	1 NE									
	E. Franklin av.	1 NE									
	30th av. S.										
D	31st av. S.	1 SE						1 S			
	32d av. S.	1 SE									
	33d av. S.	1 SE									

*On hydrant branch for waste gate.

TABLE NO. 5.—Continued.

OR OF	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.							
			4	6	8	10	12	16	24	36
m av	Holden st.....	1 NW	.....	1 S	.....	.....	.....	.....	.....	.....
	Hoag av.....	1 SE	.....	.....	.....	.....	.....	.....	.....	.....
d st..	Highland av..	1 NE	.....	1 N	.....	.....	.....	.....	.....	.....
	Valley av....	1	.....	1 E	.....	.....	.....	.....	.....	.....
	Hennepin av..	1 NW	.....	1 N	.....	.....	.....	.....	.....	.....
	½ way to 1st..	.....	.....	*1	.....	.....	.....	.....	.....	.....
	1st av N.....	1 SW	.....	*1 W-1E	.....	.....	.....	.....	.....	.....
	½ way to N 2d.	1	.....	*1	.....	.....	.....	.....	.....	.....
	2d av N.....	1 NW	.....	*1	.....	.....	.....	.....	.....	.....
	½ way to N 3d.	1	.....	*1	.....	.....	.....	.....	.....	.....
	3d av N.....	1 NW	.....	*1	.....	1?	.....	.....	.....	1 W
	In tunnel. ....	.....	.....	1	.....	.....	.....	.....	.....	.....
	4th av N.....	1 NW	.....	*1	.....	.....	.....	.....	.....	.....
	5th av N.....	1 SW	.....	*1	.....	.....	.....	.....	.....	.....
	6th av N.....	1 SW	.....	*1	.....	.....	.....	.....	.....	.....
	7th av N.....	1 SW	.....	*1	.....	.....	.....	.....	.....	1 S
	Bassett creek.	.....	.....	*1	.....	.....	.....	.....	.....	.....
	8th av N.....	1 SW	.....	*1	.....	.....	.....	.....	.....	.....
	9th av N.....	1 SW	.....	*1	.....	.....	.....	.....	.....	.....
	10th av N.....	1 SW	.....	*1	.....	.....	.....	.....	.....	.....
	Plymouth av..	1 SW	.....	*1	.....	.....	.....	2 N & S	.....	1 S
	14th av N.....	1 SW	.....	*1	.....	.....	.....	2 N & S	.....	.....
	15th av N.....	1 SW	.....	*1	.....	.....	.....	.....	.....	.....
	16th av N.....	1 SW	.....	*1	.....	.....	.....	.....	.....	.....
	17th av N.....	1 SW	.....	*1	.....	.....	.....	1 S	.....	1 S
	18th av N.....	1 SW	.....	*1	1	.....	1	.....	.....	.....
	19th av N.....	1 SW	.....	*1	.....	.....	.....	.....	.....	.....
	20th av N.....	1 SW	.....	*1	.....	.....	.....	1 S	1 N	1 S
	24th av N.....	.....	.....	.....	.....	.....	.....	.....	.....	1 S
	31st av N.....	.....	.....	.....	.....	.....	.....	.....	.....	1 S
	37th av N.....	.....	.....	.....	.....	.....	.....	.....	.....	1 S
	41st av N.....	1 NW	.....	*1 W	.....	.....	.....	1 N	.....	1 S
d st...	Nicollet av...	1 SE	.....	*1	.....	.....	.....	.....	.....	*1
	Alley.....	1 NE	.....	*1	.....	.....	.....	.....	.....	.....
	1st av S.....	1 NE	.....	*1	.....	.....	.....	.....	.....	.....
	½ way to 2d st	1	.....	*1	.....	.....	.....	.....	.....	.....
	2nd av. S.....	1 NE	.....	*2 *1	.....	.....	.....	.....	.....	.....
	½ way to S. 3d	1	.....	*1 11	.....	.....	.....	.....	.....	.....
	3rd av. S.....	1 SE	.....	1 S *1	.....	.....	.....	.....	.....	.....
	½ way to S. 4th	1 NE	.....	*1	.....	.....	.....	.....	.....	.....
	5th av. S.....	1 NE	.....	1 N *1	.....	.....	.....	.....	.....	1 N
	6th av. S.....	1 NE	.....	.....	.....	.....	.....	2 N & S	.....	.....
	7th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....	.....
	8th av. S.....	1 NE	.....	.....	.....	.....	.....	1 S	.....	.....
	9th av. S.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
	10th av. S.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
av. N.	11th av. S.....	1 NE	.....	.....	.....	.....	.....	1 N	.....	.....
	N. 2d st.....	.....	.....	.....	*1 1 E	.....	1 W	.....	.....	.....
	Wash. av.....	1 NW	.....	.....	.....	.....	.....	.....	.....	.....
	N. 3d st.....	1 NW	.....	.....	.....	.....	.....	2 E & W	.....	.....
	N. 4th st.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
	N. 5th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....	.....
	N. 6th st.....	1 NW	.....	.....	.....	.....	.....	1 W	.....	.....
	N. 7th st.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
av. S..	S. 1st st.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	S. 2d st.....	.....	.....	1 E 1 W	.....	.....	.....	.....	.....	.....
	Wash. av.....	.....	.....	2 E & W	.....	.....	.....	.....	.....	.....
	S. 3d st.....	1 SW	.....	2 E & W	.....	.....	.....	.....	.....	.....
	S. 4th st.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	S. 5th st.....	1 SW	.....	1 W	.....	.....	.....	.....	.....	.....
	S. 6th st.....	1 SW	.....	2 E & W	.....	.....	.....	.....	.....	.....
	S. 7th st.....	1 SW	.....	1 W	.....	.....	.....	.....	.....	.....
	S. 8th st.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	S. 9th st.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	Flush.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	S. 10th st.....	.....	.....	2 E & W	.....	.....	.....	.....	.....	.....
	S. 11th st.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	S. 12th st.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	S. 13th st.....	1 SE	.....	2 N & S	.....	.....	.....	.....	.....	.....
	E. Grant st....	1 SW	.....	1 S	.....	.....	.....	.....	.....	.....
	E. 14th st.....	1 NW	.....	2 N & S	.....	.....	.....	.....	.....	.....
	E. 15th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....	.....
	E. 16th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....	.....
	E. 17th st.....	1 NW	.....	1 S	.....	.....	.....	.....	.....	.....

drant branch. ? West of T 36 inches south of hydrant. + On E. of T for drainage. † Nine
ath of hydrant. ‡ W of T ‡ T S of hydrant. ¶ On connection. * W of T ‡ S of hydrant.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situ						
			4	6	8	10	12	16	24
Second av S..	E. 18th st....	1 NW							
	E. 19th st.....	1 NW							
	E. Franklin av	1 NW		1 N 1 S					
	E. 22d st	1 NW							
		Waters							
	E. 25th st.....			1 S					
	E. 26th st.....	1 SW		2 N & S					
	E. 27th st.....			2 N & S					
	Half way..	1							
	E. 28th st.....	1 NW							
	E. Lake st.....	1 SW		1 N 1 S					
	Half way.....	1							
	E. 31st st.....	1 NW							
	Half way.....	1							
	E. 32d st.....	1 NW							
	Half way.....	1							
	E. 33d st.....	1 NW		1 S 1 N					
	E. 34th st.....	1 NW							
	E. 35th st.....	1 SW		1 S					
	E. 29th st.....	1 SW							
E. 17th st.....	Portland av...	1 SE							
	Half way.....	1							
	Park av.....	1 SE		1 W					
17th av. N.....	W. 2d st..			1 E 1 W					
17th av. S.....	E. Franklin av				1 S				
	E. 22d st	1 NW							
	E. 24th st.....	1 NW							
	E. 25th st.....	1 NW			2 N & S				
	Half way.....	1							
	E. 26th st.....	1 NW							
	E. 27th st.....	1 NW			2 N & S				
	E. 28th st.....	1 NW							
	E. 28th st....				1 S				
	E. 29th st.....	1 NW							
	E. Lake st....	1 NW			1 N				
S. seventh st.	Hennepin av..	1 Lowry			1 S				
	Half way.....	1 Lowry							
	Nicollet av...	1 SE			1 N				
	First av. S...	1 NE							
	2d av. S.....	1 NE			1 S				
	3d av. S.....	1 NE							
	4th av. S.....	1 NE			1 N				
	5th av. S.....	1 NE			2 N & S				
	6th av. S.....				2 N & S				
	7th av. S.....	1 SE							
	8th av. S.....	1 SE			1 S				
	9th av. S.....	1 SE							
	10th av. S...	1 NE							
	11th av. S...	1 SE			1 S				
	12th av. S...	1 SE							
	13th av. S...	1 SE			1 S				
	14th av. S...	1 NE							
	15th av. S...	1 SE			1 N				
	16th av. S...	1 SE							
	17th av. S...	1 SE							
Seventh av. N.	18th av. S...	1 SE							
	Cedar av.....				1 W				
	20th av. S...	1 NE		1 E					
	21st av. S...	1 NW							
	25th av. S...			1					
	N. 2d st.....			1 W					
	Wash'ton av...			1 W					
	N. 3d st.....	1 NW		2 E & W					
	N. 4th st.....	1 NE		1 E					
	N. 5th st.....			1 W					
Seventh av. S.	N. 6th st.....	1 NW							
	Houg av.....	1 NE							
	Bradford av...	1 NE							
	Wash'ton av...	1 NW		1 W					
	S. 3d st.....	1 NW							
	S. 6th st.....	1 NW		1 W					
	S. 7th st.....			2 E & W					
	S. 8th st.....	1 NE							
S. Sheridan av	S. 9th st.....	1 NE							
	S. 10th st.....	1 NE		1 E					
	Kenwood bl'd.			1 W					

TABLE NO. 5—Continued.

STREET OR AVENUE OF FIRE.	Intersecting street.	No. and location of hydrants.	Number of gates and side of street on w					
			4	6	8	10	12	14
Pleasant av.	W 27th st.	1 NW						
	W 28th st.	1 NW			1 S			
	W 29th st.	1 NW						
	W 30th st.	1 NW						
	W Lake st.	1 SW			1 S			
	W 31st st.	1 NW						
	W 32d st.	1 NW			1 S			
	W 33d st.	1 NW						
	Ridgwood av.				1 S			
	W Franklin av.	1 NW			1 N			
Plymouth av.	River bank.	1 W			1 W			
	N 1st st.	1 NW						
	N 2d st.	1 NW			1 E			1 W
	Wash' ton av.	1 NW						1 W
	N 3d st.	1 NW						1 W
	N 5th st.	1 NW						
	N 6th st.	1 NW				1 W		
	Lyndale av.	1 NE			1 E			1 W
	N Aldrich av.	1 NE						
	N Bryant av.	1 NE						
Portland av.	N Dupont.	1 NE						1 W
	N Emerson.	1 NE						
	N Tremont.	1 NE						
	N Girard.	1 NE						1 W
	N Humboldt.	1 NE						1 W
	E 14th st.	1 SW						
	E 15th st.	1 SW						
	E 16th st.	1 SW				1		
	E 17th st.	1 SW						
	E 18th st.	1 SW						
Portland pl.	E 19th st.	1 SW						
	E Franklin av.	1 N W				2 N & S		
	E 22d st.	1 N W						
	E 24th st.	1 SW				1 N		
	E 25th st.	1 NW						
	E 26th st.	1 NW						
	E 27th st.	1 NW				2 N & S		
	E 28th st.	1 NW						
	E 29th st.	1 NW						
	E Lake st.	1 SW			1 S	1 N		
Portland pl.	E 31st st.	1 NW						
	E 32d st.	1 NW						
	E 33d st.	1 NW			1 S 1 N			
	E 34th st.	1 NW						
	E 35th st.	1 NW			1 S			
	E 36th st.	1 NW						
	E 37th st.	1 NW						
	E 38th st.	1 NW			1 N			
	E Franklin av.				1 S			
	E 22d st.	1 NW						
Queen av.	E 24th st.	1 NW			1 N			
	Kenwood boul.				1 S			
	All in line of							
	Franklin av.	1 NW						
	W 21st st.	1 NW						
	Lindley av.	1 SW						
	Ridgwood av.							
	Water.							
	First angle.							
	Pleasant av.	1 SW			2 E & W			
Riverside av.	1 third way.							
	2-thirds way.							
	Lyndale av.	1 SE			1			
	21st av S.	1 NE						
	22d av S.	1 NE						1
	23d av S.	1 NE						
	24th av S.	1 NE						
	25th av S.							1 W
	S 4th st.				1 on con			
	10th av S.	1 NE						1
Royalston av.	20th av S.							
	S 5th st.				1 on con			
	Western av N.							
	of 12th st.				1 N			
	R & bridge.				1 N			

* On hydrant branch. † 1 on W. of T. 31 in. of hydrant. 1 on E. of T. 22 f for drainage.

TABLE NO. 5.—Continued.

ST OR USE OF FE.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.							
			4	6	8	10	12	16	24	36
ston av	Holden st.....	1 NW		1 S						
	Hoag av.....	1 SE								
ond st..	Highland av..	1 NE		1 N						
	Valley av....	1		1 E						
	Hennepin av..	1 NW		1 N						
	½ way to 1st..			*1						
	1st av N.....	1 SW		\$1 W-1E						
	½ way to N 2d.	1		*1						
	2d av N.....	1 NW		*1						
	½ way to N 3d.	1		*1						
	3d av N.....	1 NW		*1		1?				1 W
	In tunnel.			1						
	4th av N.....	1 NW		*1						
	5th av N.....	1 SW		*1						
	6th av N.....	1 SW		*1						
	7th av N.....	1 SW		*1						1 S
	Bassett creek.			\$1						
	8th av N.....	1 SW		*1						
	9th av N.....	1 SW		*1						
	10th av N.....	1 SW		*1						
	Plymouth av..	1 SW		*1				2 N & S		1 S
	14th av N.....	1 SW		*1				2 N & S		
	15th av N.....	1 SW		*1						
	16th av N.....	1 SW		*1						
	17th av N.....	1 SW		*1				1 S		1 S
	18th av N.....	1 SW		*1	1		1			
	19th av N.....	1 SW		*1						
	20th av N.....	1 SW		*1				1 S	1 N	1 S
	24th av N.....									1 S
	31st av N.....									1 S
	37th av N.....									1 S
	41st av N.....	1 NW		*1 W				1 N		1 S
ond st..	Nicollet av...	1 SE		*1						*1
	Alley.....	1 NE		*1						
	1st av S.....	1 NE		*1						
	½ way to 2d st	1		*1						
	2nd av. S.....	1 NE		+2 *1						
	½ way to S. 3d	1		*1 ||						
	3rd av. S.....	1 SE		1 S *1						
	½ way to S. 4th	1 NE		*1						
	5th av. S.....	1 NE		1 N *1				1 S		1 N
	6th av. S.....	1 NE						2 N & S		
	7th av. S.....	1 SE								
	8th av. S.....	1 NE						1 S		
	9th av. S.....	1 NE								
	10th av. S.....	1 NE								
	11th av. S.....	1 NE						1 N		
nd av. N.	N. 2d st				+11 E		1 W			
	Wash. av.....	1 NW								
	N. 3d st	1 NW						2 E & W		
	N. 4th st.....	1 NE								
	N. 5th st.....	1 NW								
	N. 6th st.....	1 NW						1 W		
	N. 7th st	1 NE								
d av. S..	S. 1st st.....	1 SW								
	S. 2d st.....			1 E 1 W						
	Wash. av.....			2 E & W						
	S. 3d st.....	1 SW		2 E & W						
	S. 4th st.....	1 SW								
	S. 5th st.....	1 SW		1 W						
	S. 6th st.....	1 SW		2 E & W						
	S. 7th st.....	1 SW		1 W						
	S. 8th st.....	1 SW								
	S. 9th st.....	1 SW								
	Flush									
	S. 10th st			2 E & W						
	S. 11th st.....	1 SW								
	S. 12th st.....	1 SW								
	S. 13th st.....	1 SE		2 N & S						
	E. Grant st....	1 SW		1 S						
	E. 14th st.....	1 NW		2 N & S						
	E. 15th st.....	1 NW								
	E. 16th st.....	1 NW								
	E. 17th st.....	1 NW		1 S						

drant branch. ?West of T 36 inches south of hydrant. +On E. of T for drainage. \$Nine
th of hydrant. \$ W of T 8 T S of hydrant. | On connection. ¶ W of T 5 S of hydrant.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on w					
			4	6	8	10	12	14
Second av S.	E. 18th st.	1 NW						
	E. 19th st.	1 NW						
	E. Franklin av	1 NW	1 N 1 S					
	E. 22d st	1 NW						
	Waters							
	E. 25th st.	1 NW		1 S				
	E. 26th st.	1 NW	2 N & S					
	E. 27th st.	1 NW	2 N & S					
	Half way	1						
	E. 28th st.	1 NW						
	E. Lake st.	1 SW	1 N 1 S					
	Half way	1						
	E. 31st st.	1 NW						
	Half way	1						
	E. 32d st.	1 NW						
	Half way	1						
	E. 33d st.	1 NW	1 S 1 N					
	E. 34th st.	1 NW						
	E. 35th st.	1 SW	1 S					
	E. 36th st.	1 SW						
E. 17th st.	Portland av.	1 SE						
	Half way	1						
17th av. N.	Park av.	1 SE	1 W					
	W. 2d st.	1	1 E 1 W					
17th av. S.	E. Franklin av			1 S				
	E. 22d st.	1 NW						
	E. 24th st.	1 NW						
	E. 25th st.	1 NW		2 N & S				
	Half way	1						
	E. 26th st.	1 NW						
	E. 27th st.	1 NW		2 N & S				
	E. 28th st.	1 NW						
	E. 29th st.	1 NW		1 S				
	E. Lake st.	1 NW		1 N				
	Hennepin av.	1 NW		1 S				
	Half way	1						
S. seventh st.	Nicollet av.	1 SE		1 N				
	First av. S.	1 NE						
	2d av. S.	1 NE		1 S				
	3d av. S.	1 NE						
	4th av. S.	1 NE		1 N				
	5th av. S.	1 NE		2 N & S				
	6th av. S.	1 NE						
	7th av. S.	1 SE						
	8th av. S.	1 SE		1 S				
	9th av. S.	1 SE						
	10th av. S.	1 NE						
	11th av. S.	1 SE		1 S				
	12th av. S.	1 SE						
	13th av. S.	1 SE		1 S				
	14th av. S.	1 NE						
	15th av. S.	1 SE		1 N				
	16th av. S.	1 SE						
	17th av. S.	1 SE						
	18th av. S.	1 SE						
	Cedar av			1 W				
Seventh av. N.	20th av. S.	1 NE	1 E					
	21st av. S.	1 NW						
	25th av. S.							
	N. 2d st.		1 W					
	Wash'ton av		1 W					
Seventh av. S.	N. 3d st.	1 NW	2 E & W					
	N. 4th st.	1 NE	1 E					
	N. 5th st.		1 W					
	N. 6th st.	1 NW						
	Hoag av	1 NE						
	Bradford av.	1 NE						
	Wash'ton av	1 NW	1 W					
	S. 3d st.	1 NW						
	S. 6th st.	1 NW	1 W					
	S. 7th st.		2 E & W					
S. Sheridan av	S. 8th st.	1 NE						
	S. 9th st.	1 NE						
	S. 10th st.	1 NE	1 E					
	Kenwood bld.		1 W					

TABLE NO. 5—Continued.

ST OR SIDE OF ST.	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated.								
			4	6	8	10	10	16	24	30	36
AL AV.	S. line of alley to east.....	1 SW									
	W. Franklin av	1 NW									
	W. 21st st.....	1 SE									
	centh st	1 SE									
	Park av.....	1 SE									
	Chicago av.....			1 W							
	ve. N....				1 E 1 W						
	N. 2d st.....										
	N. 5th st.....	1 NE									
	N. 6th st.....	1 NE									
ve. S....	Lyndale av....	1 NE	2 E & W								
	Aldrich av....	1 NE									
		Waters.									
	Bryant av....	1 NE									
	Dupont av....	1 NE									
	Emerson av....			1 E							
	S. 8th st.....			1 W							
	S. 9th st.....	1 NE									
	E. 18th st.....	1 NW									
		Flush.									
rth st....	E. 19th st.....	1 NW									
		Flush									
	E. Franklin av	1 NW	2 N & S								
	Half way.....	1									
	E. 22d st.....	1 NW									
	Hennepin av..			1 N							
	1st av. N.....	1 SE		1 S							
	12th av. N....	1 SE									
	Plymouth av..	1 SE	2 N & S								
	14th av. N....	1 SW	2 N & S								
rth st....	15th av. N....	1 SW									
	16th av. S....	1 SW									
	Hennepin av..	1 SE		1 S							
	Half way.....	1									
	Nicollet av....	1 SE		1 N		1 S					
	Alley.....	1 NE									
	1st av. S....	1 NE									
	2d av. S.....	1 NE				1 N					
	3d av. S.....					1 N	1 S				
	4th av. S....	1 SE									
ve. N....	5th av. S....	1 NE									
	6th av. S....	1 NE					2 N & S				
	8th av. S....	1 SE									
	9th av. S....	1 SE					1 S				
	10th av. S....	1 SE									
	11th av. S....	1 SE					1 S				
	12th av. S....	1 SE									
	13th av. S....	1 SE									
	14th av. S....	1 SE					1 N				
	15th av. S....	1 SE									
ve. N....	16th av. S....	1 SE									
	17th av. S....	1 SE					1 S				
	Cedar av.....	1 NW									
	N 2d st.....				1 W						
	Washingt'n av				1 W						
	N 3d st.....	1 SE			2 E & W						
	N 4th st.....				1 E						
	N 5th st.....	1 SE	2 E & W								
	N 6th st.....	1 NE									
	Hoag av.....	1 NE									
ve. N....	Bradford av..	1 NE									
	Oak Lake av..	1 NE									
	Lyndale av....	1 NE	2 E & W								
	Aldrich av....	1 NE	1 W								
	Bryant av....	1 NE									
	Dupont av....	1 NW									
	Emerson av....	1 NE	1 W								
	Fremont av....	1 NE									
	Girard av.....	1 NE									
	Humboldt av..	1 NE	2 E & W								
ve. N....	150 ft. w. of w. l. of Elwood av	1 150 ft W									
	James av.....	1 150 ft E									
	James av.....			1 W							
	N Knox av....	1 NE									
	N Logan av....	1 NE									
	N Morgan av..	1 NE		1 E							

TABLE NO. 5—Continued

STREET OR AVENUE OF PIPE.	Intersecting street	No. and location of hydrants	No. of gates and side of street on which					
			4	6	8	10	12	14
Sixth av N.	N Newton av.	1 NE						
	N Oliver av.	1 NE						
	N Penn av.	1 NE	1 E, 1 W					
	N Queen av.	1 NE						
Sixth av S.	N Russell av	1 NE						
	S 1st st.	1 NW					1 W	
	S 2d st.						1 W	
	Wash. av.	1 Lowry					2 E & W	
	S 3d st.	1 NW						
	S 4th st.	1 NW						
	S 5th st.	1 NW						
		(Flush)					1 W	
	S 6th st.	1 NW					2 E & W	
	S 7th st.	1 NW					1 W	
	S 8th st.	1 NW						
		(Flush)						
	S 9th st.	1 NW						
		(Flush)						
	S 10th st.	1 NE						
Six ½ av S.	E Lake st.	1 SW		1 S				
	E 31st st.	1 NW						
	E 32d st.	1 NW						
Spruce place.	W 14th st.	1 SW		1 S				
	W 15th st.	1 NW		1 S				
Stevens av.	E Grant st.	1 SW		1 S				
	E 14th st.	1 NW	2 N & S					
	E 15th st.	1 NW						
	E 16th st.	1 NW						
	E 17th st.	1 NW		1 N				
	E 18th st.	1 NW						
	E 19th st.	1 NW						
	E Franklin av.		2 N & S					
	Half way	1						
	E 22d st.	1 NW						
	E 24th st.		2 N & S					
	E 25th st.	1 NW	1 S					
	Half way	1						
	E 26th st.	1 NW						
	Half way	1						
	E 27th st.		2 N & S					
	Half way	1						
	E 28th st.	1 NW						
	Half way	1						
	E 30th st.	1 NW						
Tenth av. N.	Half way	1						
	E Lake st.	1 SW	2 N & S					
	Half way	1						
	E 31st st.	1 NW						
	Half way	1						
	E 32d st.	1 NW	1 S					
	Half way	1						
	E 33d st.	1 NW						
	N 2d st.		1 W					1
	N 3d st.		1 E, 1 W					
	N 4th st.	1 NW						
	N 5th st.	1 NW	1 W					
	Bassett's cr'k.		1 E, 1 W					
	Oak Lake av.	1 at augl						
	N Logan av.		1 W					
8 Third st.	N Morgan.	1 NE						
	Hennepin.	1 SW			1			
		1 NE						
	Nicollet.	1 NW						1
	1st av S.		3					
	Half way bet 1st & 2d av S.	1						
	2d av. S.	1 SW	2					
		1 NW						
	3d av S.							1
	4th av S.	1 NW	2					
		1 SW						
7th av. S.	5th av. S.	1 NE		1				
		1 NE						
	6th av S.	1 SW	6					
		1 NW						
	7th av. S.	1 SW	X					

TABLE No. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No and location of hydrants.	Number of gates and side of street on which situated.								
			4	6	8	10	12	16	24	30	36
Third av. S..	E 29th st.....	1 NW									
	Half way.....	1									
	E Lake st.....	1							2 N & S		
	E 31st st.....	1 NW									
	E 32d st.....	1 NW									
	E 33d st.....	1 NW							2 N & S		
	Half way.....	1									
	E 34th st.....	1 NW									
	Half way.....	1									
	E 35th st.....	1 NW							1 S		
	Half way.....	1									
	E 36th st.....	1 NW									
	Half way.....	1									
	E 37th st.....	1 NW									
	Half way.....	1									
S. 13th st.	E 38th st.....	1 NW							2 N & S		
	E 19th st.....								1 N, 1 S		
	1st av S.....			1 N			1 S				
	2nd av S.....					1 S					
	Harmon pl.....	1 SW		1 S							
13th av. S.....	Gale pl.....	1 SW									
	Vine pl.....	1 SW		1 S							
	Wash. av S.....				1 W						
	S 3d st.....	1 NE									
	S 4th st.....	1 NW			1 W						
	S 5th st.....	1 NW									
	S 6th st.....	1 NW			2 E & W						
	S 7th st.....	1 NW									
	S 8th st.....	1 NW			1 W						
	S 9th st.....	1 NW									
	E 17th st.....	1 SW									
	E 18th st.....	1 NW			1 N						
	E 19th st.....	1 NW									
	E Franklin av.....	1 NW			1 N						
	E 38th st.....	E 24th st.....			1 S						
E 25th st.....		1 NW									
E 26th st.....		1 NW		1 N							
11th av S.....		1 SE									
30th av N.....		1 NW		1 W							
31st av N.....		1 NW		1 W							
E 31st st.....		3d av S.....	1 SE		1 E						
Clinton av.....		1 SW									
32d av N.....		1 NW					1 E		1 W		
N Lyndale av.....								1 E, 1 W			
W 32d st.....		Blaisdell av.....			1 W						
Lindley av.....		1 SE									
Pleasant av.....				1 E							
33d av N.....		N 2d st.....	1 NW		1 W						
E 33d st.....		3d av S.....	1 SE				1 E				
34th av N.....	Clinton av.....	1 SE									
	4th av S.....	1 SE									
	5th av S.....	1 SE									
	Portland av.....						1 W				
	35th av N.....	N 2d st.....	1 SW			1 W					
	36th av N.....	N 2d st.....	1 NW		1 W						
	N Wash av.....				1 E		1 W				
	N 3d st.....	1 NW									
	N Lyndale av.....						1 E, 1 W				
	37th av N.....	N 2d st.....	1 NW		1 W						
	38th av N.....	N 2d st.....	1 NW			1 W					
	39th av N.....	N 2d st.....	1 NW		2 E & W						
	Thomas place.....	James av.....			1 W						
	E line of alley.....	1									
	N 12th st.....	Logan av.....	1 NE								
Hawthorn av.....		1 NW		1 N					1 S		
Half way.....		1 SW									
Linden av.....				1 N							
S 12th st.....		Hennepln av.....	1 SW								
S 12th st.....	Harmon place.....	1 SW									
	Yale place.....	1 NW							1 N		
	Mary place.....	1 SW									
	Nicollet av.....	1 SW									
	1st av S.....	1 NW		1 S					1 N		
	2d av S.....			1 S							

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No and location of hy- drants.	Number of gates and side of street on v					
			4	6	8	10	12	16
Third av. S..	E 29th st.....	1 NW	.....	.....	.....	.....	.....	.....
	Half way.	1	.....	.....	.....	.....	.....	.....
	E Lake st.	1	.....	.....	.....	.....	.....	.....
	E 31st st.	1 NW	.....	.....	.....	.....	.....	.....
	E 32d st.	1 NW	.....	.....	.....	.....	.....	.....
	E 33d st.	1 NW	.....	.....	.....	.....	.....	.....
	Half way.	1	.....	.....	.....	.....	.....	.....
	E 34th st.	1 NW	.....	.....	.....	.....	.....	.....
	Half way.	1	.....	.....	.....	.....	.....	.....
	E 35th st.	1 NW	.....	.....	.....	.....	.....	.....
	Half way.	1	.....	.....	.....	.....	.....	.....
	E 36th st.	1 NW	.....	.....	.....	.....	.....	.....
	Half way.	1	.....	.....	.....	.....	.....	.....
	E 37th st.	1 NW	.....	.....	.....	.....	.....	.....
	Half way.	1	.....	.....	.....	.....	.....	.....
S. 13th st.	E 38th st.	1 NW	.....	.....	.....	.....	.....	.....
	E 19th st. ....	.....	.....	.....	.....	.....	.....	.....
	1st av S. ....	.....	.....	1 N	.....	.....	1 S	.....
	2nd av S. ....	.....	.....	.....	.....	.....	1 S	.....
13th av. S.	Harmon pl.	1 SW	.....	1 S	.....	.....	.....	.....
	Gale pl.	1 SW	.....	.....	.....	.....	.....	.....
	Vine pl.	1 SW	.....	1 S	.....	.....	.....	.....
	Wash. av S. ....	.....	.....	.....	1 W	.....	.....	.....
	S 3d st.	1 NE	.....	.....	.....	.....	.....	.....
	S 4th st.	1 NW	.....	.....	1 W	.....	.....	.....
	S 5th st.	1 NW	.....	.....	.....	.....	.....	.....
	S 6th st.	1 NW	.....	.....	2 E & W	.....	.....	.....
	S 7th st.	1 NW	.....	.....	.....	.....	.....	.....
	S 8th st.	1 NW	.....	.....	1 W	.....	.....	.....
	S 9th st.	1 NW	.....	.....	.....	.....	.....	.....
	E 17th st.	1 SW	.....	.....	.....	.....	.....	.....
	E 18th st.	1 NW	.....	.....	1 N	.....	.....	.....
	E 19th st.	1 NW	.....	.....	.....	.....	.....	.....
	E Franklin av	1 NW	.....	.....	1 N	.....	.....	.....
E 38th st.	E 24th st. ....	.....	.....	1 S	.....	.....	.....	.....
	E 25th st.	1 NW	.....	.....	.....	.....	.....	.....
	E 26th st.	1 NW	.....	1 N	.....	.....	.....	.....
	11th av S.	1 SE	.....	.....	.....	.....	.....	.....
30th av N.	N 2d st.	1 NW	.....	1 W	.....	.....	.....	.....
31st av N.	N 2d st.	1 NW	.....	1 W	.....	.....	.....	.....
E 31st st.	3d av S.	1 SE	.....	1 E	.....	.....	.....	.....
32d av N.	Clinton av.	1 SW	.....	.....	.....	.....	.....	.....
	N 2d st.	1 NW	.....	.....	.....	.....	1 E	.....
	N Lyndale av. ....	.....	.....	.....	.....	.....	.....	.....
	Blaisdell av. ....	.....	.....	1 W	.....	.....	.....	.....
W 32d st.	Lindley av.	1 SE	.....	.....	.....	.....	.....	.....
	Pleasant av. ....	.....	.....	1 E	.....	.....	.....	.....
	N 2d st.	1 NW	.....	1 W	.....	.....	.....	.....
	3d av S.	1 SE	.....	.....	.....	.....	1 E	.....
33d av N.	Clinton av.	1 SE	.....	.....	.....	.....	.....	.....
	4th av S.	1 SE	.....	.....	.....	.....	.....	.....
	5th av S.	1 SE	.....	.....	.....	.....	.....	.....
	Portland av. ....	.....	.....	.....	.....	.....	1 W	.....
34th av N.	N 2d st.	1 SW	.....	.....	1 W	.....	.....	.....
35th av N.	N 2d st.	1 NW	.....	1 W	.....	.....	.....	.....
36th av N.	N 2d st. ....	.....	.....	.....	1 E	.....	1 W	.....
	N Wash av.	1 NW	.....	.....	.....	.....	.....	.....
	N 3d st.	1 NW	.....	.....	.....	.....	.....	.....
	N Lyndale av. ....	.....	.....	.....	.....	.....	1 E, 1 W	.....
37th av N.	N 2d st.	1 NW	.....	1 W	.....	.....	.....	.....
38th av N.	N 2d st.	1 NW	.....	.....	1 W	.....	.....	.....
39th av N.	N 2d st.	1 NW	.....	2 E & W	.....	.....	.....	.....
Thomas place	James av. ....	.....	.....	1 W	.....	.....	.....	.....
	E line of alley	1	.....	.....	.....	.....	.....	.....
	Logan av.	1 NE	.....	.....	.....	.....	.....	.....
	Hawthorn av.	1 NW	.....	1 N	.....	.....	.....	.....
N 12th st. ....	.....	1 SW	.....	.....	.....	.....	.....	.....
	Half way.	1	.....	.....	.....	.....	.....	.....
	Linden av. ....	.....	.....	1 N	.....	.....	.....	.....
	Hennepin av.	1 SW	.....	.....	.....	.....	.....	.....
S 12th st.	Harmon place	1 SW	.....	.....	.....	.....	.....	.....
	Yale place.	1 NW	.....	.....	.....	.....	.....	.....
	Mary place.	1 SW	.....	.....	.....	.....	.....	.....
	Nicollet av.	1 SW	.....	.....	.....	.....	.....	.....
	1st av S.	1 NW	.....	1 S	.....	.....	.....	.....
	2d av S. ....	.....	.....	1 S	.....	.....	.....	.....

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated.							
			4	6	8	10	12	16	24	30 36
E 24th st	14th av. S.....	1 SW								
	15th av. S.....	1 SE			1 E					
	Bloom'gton av	1 SE								
	16th av. S.....	1 SE								
	17th av. S.....	1 SE								
	18th av. S.....	1 SE								
W 24th st.....	Cedar av.....	1 SE			2 E & W					
	Grand av.....	1 SE								
	Hennepin av..			1 W						
	Emerson av...	1 SW								
	Fremont av...	1 SE								
	Girard av.....	1 SE								
	Humboldt av..	1 SE								
	Irving av.....	1 SE		1 E						
	8 Lyndale.....	1 SE		1 E						
	N 2d st.....	1 NW		1 W						
25th av. N.....	Riverside av..	1 SW		1 S						
25th av. S.....	S 9th st.....	1 NW								
	E Fr'nklin av.	1 NW		2 N & S						
	E 22d st.....	1 NW								
	E 24th st.....	1 NW		1 S						
	E 25th st.....	1 NW								
	Nicollet av....	1 SE		1 E						
	1st av. S.....	1 SE								
	Stevens av....	1 SE								
	2d av. S.....	1 SE								
	3d av. S.....	1 SE		2 E & W						
E 25th st	Clinton av....	1 SE								
	4th av. S.....	1 SE								
	5th av. S.....	1 SE		2 E & W						
	Portland av...	1 SW		1 W						
	Minn'haha av.				1 E					
	23d av. S.....	1 SE								
	24th av. S.....	1 SE								
	25th av. S.....	1 SE			1 E					
	26th av. S.....	1 SE			1 E, 1 W					
	27th av. S.....	1 SE			2 E & W					
26th av. N.....	28th av. S.....	1 SE								
	29th av. S.....	1 SW								
	N 2d st.....	1 NW			1 E		1 W			
	Wash'gton av.	1 NE					1 W			
	N 3d st.....	1 NE								
	N 4th st.....	1 NE								
	N 6th st.....	1 NE								
	Lyndale av....	1 NE					2 E & W			
	½ E 25th to 26th	1								
	N Emerson.....	1 NE								
26th av. S.....	12th av. S.....	1 SE								
	13th av. S.....	1 SE								
	14th av. S.....	1 SW								
	15th av. S.....	1 SE								
	Bloom'gton av	1 SE					1 E			
	16th av. S.....	1 SE								
	17th av. S.....	1 SE								
	18th av. S.....	1 SE								
	Cedar av.....						1 W			
	N 2d st.....	1 NW		1 W						
27th av. N ...	E 25th st.....				1 S					
27th av. S.....	E 26th st.....	1 NW								
	E 27th st.....	1 NW								
	E 28th st.....	1 NW			1 S					
	E 29th st.....	1 NW								
	E Lake st.....				1 N					
	Nicollet av....	1 SE					1 E			
E 27th st.....	1st av. S.....	1 SE								
	Stevens av....	1 SE								
	2d av. S.....	1 SE								
	3d av. S.....	1 SE					2 E & W			
	Olinton av....	1 SE								
	4th av. S.....	1 SE								
	5th av. S.....	1 SE								
	Portland av...	1 SE					2 E & W			
	Blaisdell av...	1 SE								
	Lindley av....	1 SE								
W 27th st.....	Pleasant av...	1 SE					1 E			
	Grand av.....	1 SE								

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hydrants.	Number of gates and side of street on which situated.									
			4	6	8	10	12	14	16	18	20	
E 24th st.	14th av. S.	1 SW										
	15th av. S.	1 SE			1 E							
	Bloomington av.	1 SE										
	16th av. S.	1 SE										
	17th av. S.	1 SE										
	18th av. S.	1 SE										
W 24th st.	Cedar av.	1 SE			2 E & W							
	Grand av.	1 SE										
	Hennepin av.			1 W								
	Emerson av.	1 SW										
	Fremont av.	1 SE										
	Girard av.	1 SE										
25th av. N.	Humboldt av.	1 SE										
	Irving av.	1 SE			1 E							
	8 Lyndale	1 SE			1 E							
	N 2d st.	1 NW			1 W							
	Biverside av.	1 SW			1 S							
	8 9th st.	1 NW										
E 25th st.	E Franklin av.	1 NW		2 N & S								
	E 22d st.	1 NW										
	E 24th st.	1 NW			1 S							
	E 25th st.	1 NW										
	Nicollet av.	1 SE			1 E							
	1st av. S.	1 SE										
26th av. N.	Stevens av.	1 SE										
	2d av. S.	1 SE										
	3d av. S.	1 SE			2 E & W							
	Clinton av.	1 SE										
	4th av. S.	1 SE										
	5th av. S.	1 SE			2 E & W							
26th av. S.	Portland av.	1 SW			1 W							
	Minn'haba av.					1 E						
	23d av. S.	1 SE										
	24th av. S.	1 SE										
	25th av. S.	1 SE			1 E							
	26th av. S.	1 SE			1 E, 1 W							
27th av. N.	27th av. S.	1 SE			2 E & W							
	28th av. S.	1 SE										
	29th av. S.	1 SW										
	N 2d st.	1 NW			1 E		1 W					
	Washington av.	1 NE					1 W					
	N 3d st.	1 NE										
28th av. S.	N 4th st.	1 NE										
	N 6th st.	1 NE										
	Lyndale av.	1 NE					1 E & W					
	E 25th to 26th	1										
	N Emerson.	1 NE										
	12th av. S.	1 SE										
E 28th st.	13th av. S.	1 SE										
	14th av. S.	1 SW										
	15th av. S.	1 SE										
	Bloomington av.	1 SE					1 E					
	16th av. S.	1 SE										
	17th av. S.	1 SE										
27th av. N.	18th av. S.	1 SE										
	Cedar av.						1 W					
	N 2d st.	1 NW			1 W							
	E 25th st.				1 S							
	E 26th st.	1 NW										
	E 27th st.	1 NW										
E 27th st.	E 28th st.	1 NW			1 S							
	E 29th st.	1 NW										
	E Lake st.				1 N							
	Nicollet av.	1 SE					1 E					
	1st av. S.	1 SE										
	Stevens av.	1 SE										
W 27th st.	2d av. S.	1 SE										
	3d av. S.	1 SE										
	Clinton av.	1 SE										
	4th av. S.	1 SE										
	5th av. S.	1 SE										
	Portland av.	1 SE					2 E & W					
W 27th st.	Blaisdell av.	1 SE										
	Lindley av.	1 SE										
	Pleasant av.	1 SE					1 E					
	Grand av.	1 SE										
		1 SE										
		1 SE										

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drant.	No. of gates and side of street on which situated.								
			4	6	8	10	12	16	24	30	36
Wash. av N...	27th av. N.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	28th av. N.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	29th av. N.....	1 SW	.....	.....	1 N	.....	.....	.....	.....	.....	.....
	30th av. N.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wash'tn av. S	Kennebec av.....	.....	.....	.....	.....	.....	1 S	.....	.....	.....	.....
	Nicollet av.....	.....	.....	.....	.....	.....	2 N & S	.....	.....	.....	.....
	1st av. S.....	1 Lowry	.....	.....	.....	.....	.....	.....	.....	.....	.....
	2d av. S.....	1 Lowry	.....	.....	.....	.....	.....	.....	.....	.....	.....
	3d av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	Lowry	.....	.....	.....	.....	1 S	.....	.....	.....	.....
	4th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	Lowry	.....	.....	.....	.....	.....	.....	.....	.....	.....
	5th av. S.....	.....	.....	.....	.....	.....	2 N & S	.....	.....	.....	.....
	6th av. S.....	1 SW	.....	.....	.....	.....	2 N & S	.....	.....	.....	.....
Wash. av. S...	7th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	8th av. S.....	1 SW	.....	*1	.....	.....	1 S	.....	.....	.....	.....
	9th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	10th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	11th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	Flush	.....	.....	.....	1 S	.....	.....	.....	.....	.....
	12th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	13th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	Lowry	.....	.....	.....	1 S	.....	.....	.....	.....	.....
	14th av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
Western av...	Cedar av.....	1 SW	.....	1 E	.....	1 W	.....	.....	.....	.....	.....
	.....	1 SE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	19th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20th av. S.....	1 SE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	21st av. S.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	N. 9th st.....	1 NE	.....	2 E & W	.....	.....	.....	.....	.....	.....	.....
	N. 10th st.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	N. 11th st.....	1 NW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	N. 12th st.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	R. R. bridge...	†1 E	.....	.....	2 E & W	.....	.....	.....	.....	.....	.....
	Border av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Lakeside av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Lyndale av.....	1 NE	.....	.....	1 W	.....	.....	.....	.....	.....	.....
	Aldrich av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Bryant av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Bassett's crk..	1 E	.....	†1 E	.....	.....	.....	.....	.....	.....	.....
	Dupont av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Emerson av.....	1 NE	.....	.....	1 E	.....	.....	.....	.....	.....	.....
	Fremont av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Girard av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Humboldt av.....	1 NE	.....	.....	1 W	.....	.....	.....	.....	.....	.....
	Irving av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	James av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Knox av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Logan av.....	1 NE	.....	.....	1 E	.....	.....	.....	.....	.....	.....
	Morgan av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Newton av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Oliver av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Penn av.....	1 NE	.....	.....	2 E & W	.....	.....	.....	.....	.....	.....
	Queen av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Russell av.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
Willow st.....	Harmon pl.....	1 SE	.....	1 S	.....	.....	.....	.....	.....	.....	.....
	Yale place.....	1 NE	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Angle.....	1 N of	.....	.....	.....	.....	.....	.....	.....	.....	.....
Adams st....	W Grant st.....	1 SE	.....	2 N & S	.....	.....	.....	.....	.....	.....	.....
	4th av NE.....	.....	.....	1 N	.....	.....	.....	.....	.....	.....	.....
	Half way.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Spring st.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Half way.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Summer st.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Half way.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Broadway.....	1 SW	.....	2 N & S	.....	.....	.....	.....	.....	.....	.....
	Half way.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	13th av NE.....	1 SW	.....	1 S	.....	.....	.....	.....	.....	.....	.....
Alley in b 2 on Nic. Island.	Half way.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	15th av NE.....	1 SW	.....	1 S	.....	.....	.....	.....	.....	.....	.....
	Half way.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	17th av NE.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Maple st.....	1 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Into sewer.

† East side of.

‡ waste.

TABLE NO. 5.—Continued.

EAST SIDE

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated									
			4	6	8	10	12	16	24	30	36	
Alley in bldg on Nic. Isl.	About 80 ft N of Maple st	1 NW			1							
Alley in bldg on Nic. Isl.	About 80 ft N of Ry sh ft				1							
Bridge st	1st av at w. s.	1 NE						1 W				
Broadway	1st av at e. s.	1 NW										
	Main st	1 NE			1 E							
	2d st NE	1 NE										
	3d st NE, nw'd	1 NE										
	3d st NE, sw'd	1 NE			2 E&W							
	4th st NE	1 NE										
	4th st NE	1 NE										
	5th st NE	1 NE										
	6th st N F, nw'd	1 NE			1 E							
	Washington st	1 NE										
	Adams st	1 NE										
	Jefferson st	1 NE			1 E							
	Madison st	1 NE										
	Monroe st	1 NE										
	Quincy st	1 NE										
Jackson st	1 NW											
Harrison st	1 NW			1 W				1 E				
Washington st				1 E, 1 W								
Cambridge st	Prospect st	1 NE					1 E					
	Pleasant st	1 NE										
	State St	1 NE										
	Church st	1 NE										
	Union st	1 NE										
	Harvard st	1 NE					1 W					
	Walnut st	1 NE										
Central av.	Oak st						1 W					
	Main st	1 NE						1 W				
	2d st	1 NE							1 E			
	4th st	1 NW						1 E				
	5th st	1 NE										
	6th st	1 NE										
	7th st NE	1 NW										
	8th st SE	1 NE										
	9th st NE											
	9th st SE			1 W								
Como av...	10th st NE	1 NW		1 E								
	Van Buren st	1 NE										
	Harrison st			1 W								
	10th av SE	1 E of NE										
	11th av SE	1 NE										
	12th av SE	1 NE					1 W					
	13th av SE	1 NE										
Delaware st.	14th av SE	1 NE										
	15th av SE	1 NE					1 E					
	Tuttle st	1 NE										
	16th av SE	1 NE										
	Oak st	1 NW										
	Church st	1 NW										
	Union st	1 NE		1 E, 1 W								
	Harvard st	1 NE										
	Walnut st	1 NE										
	Oak st				1 W							
Division st.	Harrison st	1 NE					1 E					
	Tyler st	1 NE										
	Polk st	1 NE										
	Taylor st			1 W								
	Filmore st	1 NW										
	Pierce st	1 NE										
	Buchanan st	1 NE					1 W					
	Lincoln st	1 NE										
	Johnson st	1 NE										
	11th av SE	1 NE					1 W					
Eighth st SE	12th av SE	1 NE										
	13th av SE	1 NW										
	14th av SE						1 W					
	Central av	1 SW		1 S								
	2d av SE	1 SW										

*Opposite center.

TABLE NO. 5—Continued.

STREET OR AVENUE OF PIPE.	Intersecting street.	No. and location of hy- drants.	No. of gates and side of street on which situated.							
			4	6	8	10	12	16	24	30 36
Fighth st SE.	3d av SE.	1 SW	.....	2 N & S	.....	.....	.....	.....	.....	.....
	4th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	5th av SE.	1 NW	.....	.....	.....	.....	.....	.....	.....	.....
	8th av SE.	1 NW	.....	.....	.....	.....	.....	.....	.....	.....
	10th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	11th av SE.	1 SW	.....	1 S	.....	.....	.....	.....	.....	.....
	12th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	13th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
8th av. NE....	14th av SE.	.....	.....	1 N	.....	.....	.....	.....	.....	.....
	Sibley st	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
	Ramsey st.	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
	Marshall's t.	1 NE	.....	.....	1 E	.....	.....	.....	.....	.....
	Main st.	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
18½ av. NE...	2d st NE.	1 NE	.....	.....	1 W	.....	.....	.....	.....	.....
	3d st NE.	.....	.....	.....	1 W	.....	.....	.....	.....	.....
	Monroest.	1 NE	.....	.....	1 E	.....	.....	.....	.....	.....
	Quincy st.	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
	Jackson st.	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
11th av. NE...	Harrison st.	.....	.....	.....	1 W	.....	.....	.....	.....	.....
	Ramsey st.	1 NE	.....	.....	1 E	.....	.....	.....	.....	.....
	Marshall st.	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
15th av. SE:..	Main st	.....	.....	.....	1 W	.....	.....	.....	.....	.....
	5th st SE.	1 NE	.....	1 E	.....	.....	.....	.....	.....	.....
	6th st SE.	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
	7th st SE.	1 NW	.....	.....	.....	.....	.....	.....	.....	.....
	8th st SE.	1 NW	.....	1 W	.....	.....	.....	.....	.....	.....
	Rollins av.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	Brook av.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	Como av.	1 SW	.....	2 N & S	.....	.....	.....	.....	.....	.....
	Half way.	1	.....	.....	.....	.....	.....	.....	.....	.....
	Talmadge av.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
5th st. NE.....	Division st.	1 SW	.....	1 S	.....	.....	.....	.....	.....	.....
	Division st.	.....	.....	1 N	.....	.....	.....	.....	.....	.....
	Winter st.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	Central av.	.....	.....	1 N	.....	.....	.....	.....	.....	.....
	1st st NE.	1 SE	.....	.....	.....	.....	.....	.....	.....	.....
	2d av NE.	1 SE	.....	1 N	.....	.....	.....	.....	.....	.....
	3d av NE.	1 SE	.....	.....	.....	.....	.....	.....	.....	.....
	4th av NE.	1 SE	.....	.....	1 N	.....	.....	.....	.....	.....
	Alley	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
	6th av NE.	1 NE	.....	.....	1 N	.....	.....	.....	.....	.....
	7th av NE.	1 SE	.....	.....	.....	.....	.....	.....	.....	.....
	8th av NE.	1 SE	.....	.....	.....	.....	.....	.....	.....	.....
	9th av NE.	1 SE	.....	.....	1 S	.....	.....	.....	.....	.....
	Central av.	.....	.....	.....	.....	.....	1 S	.....	.....	.....
	1st av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	2d av SE.	1 SW	.....	.....	.....	.....	2 N & S	.....	.....	.....
	3d av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	4th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	5th av SE.	1 SW	.....	.....	.....	.....	1 N	.....	.....	.....
	6th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
5th av SE....	7th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	Half way.	.....	.....	1	.....	.....	.....	.....	.....	.....
	8th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	9th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	10th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	11th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	12th av SE.	1 SW	.....	1	.....	.....	.....	.....	.....	.....
	13th av SE.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	14th av SE.	1 NW	.....	1 N	.....	.....	.....	.....	.....	.....
	15th av SE.	1 SW	.....	.....	.....	.....	1 S	.....	.....	.....
14th av. SE...	16th av SE.	1 NW	.....	.....	.....	.....	1 S	.....	.....	.....
	4th st SE.	.....	.....	1 E	.....	.....	.....	.....	.....	.....
	7th st SE.	.....	.....	1 E	.....	.....	.....	.....	.....	.....
	9th st SE.	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
14th av. SE...	Division st.	.....	.....	1 S	.....	.....	.....	.....	.....	.....
	3d st SE.	1 SE	.....	.....	.....	.....	.....	.....	.....	.....
	4th st SE.	.....	.....	.....	.....	.....	1 E	.....	.....	.....
14th av. SE...	5th st SE.	1 NE	.....	.....	.....	.....	.....	.....	.....	.....
	6th st SE.	1 NE	.....	.....	.....	.....	1 E	.....	.....	.....
	7th st SE.	1 NW	.....	.....	.....	.....	.....	.....	.....	.....
	8th st SE.	1 NE	.....	.....	.....	.....	1 W	.....	.....	.....
	Rollins av.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	Brook av.	1 SW	.....	.....	.....	.....	.....	.....	.....	.....
	Como av.	1 SW	.....	.....	.....	.....	1 S	.....	.....	.....

TABLE NO. 5—Continued.

STREET OR AVENUE OF PIPE	Intersecting street.	No. and location of hydrants	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
Fifth st SE.	3d av SE.	1 SW		2 N & S								
	4th av SE.	1 SW										
	5th av SE.	1 NW										
	6th av SE.	1 NW										
	10th av SE.	1 SW										
	11th av SE.	1 SW		1 S								
	12th av SE.	1 SW										
	13th av SE.	1 SW										
	14th av SE.			1 N								
	6th av. NE.	Sibley st.	1 NE									
Ramsey st.		1 NE										
Marshalla t.		1 NE		1 E								
Main st.		1 NE										
2d st NE.		1 NE		1 W								
3d st NE.				1 W								
18½ av. NE.	Monroest.	1 NE		1 E								
	Quincy st.	1 NE										
	Jackson st.	1 NE										
	Harrison st.			1 W								
11th av. NE.	Ramsey st.	1 NE		1 E								
	Marshall st.	1 NE										
16th av. SE.	Main st.			1 W								
	5th st SE.	1 NE		1 E								
	6th st SE.	1 NE										
	7th st SE.	1 NW										
	8th st SE.	1 NW		1 W								
	Hollins av.	1 SW										
	Brook av.	1 SW										
	Como av.	1 SW		2 N & S								
	Half way.											
	Talmadge av.	1 SW										
	Division st.	1 SW		1 S								
	Division st.			1 N								
	Winter st.	1 SW										
	Central av.			1 N								
	1st st NE.	1 SE										
	2d av NE.	1 SE		1 N								
	3d av NE.	1 SE										
	4th av NE.	1 SE			1 N							
	Alley	1 NE										
6th av NE.	1 NE			1 N								
7th av NE.	1 SE											
8th av NE.	1 SE											
9th av NE.	1 SE											
Central av.				1 S								
5th st. NE.	1st av SE.	1 SW						1 E				
	2d av SE.	1 SW						2 N & S				
	3d av SE.	1 SW										
	4th av SE.	1 SW										
	5th av SE.	1 SW						1 N				
	6th av SE.	1 SW										
	7th av SE.	1 SW										
	Half way.			1								
	8th av SE.	1 SW										
	9th av SE.	1 SW										
	10th av SE.	1 SW										
	11th av SE.	1 SW										
	12th av SE.	1 SW		1								
	13th av SE.	1 SW										
	14th av SE.	1 NW		1 N								
	15th av SE.	1 SW						1 S				
	16th av SE.	1 NW						1 S				
	5th av SE.	4th st SE.			1 E							
		7th st SE.			1 E							
9th st SE.		1 NE										
Division st.				1 S								
14th av. SE.	3d st SE.	1 SE										
	4th st SE.							1 E				
14th av. SE.	5th st SE.	1 NE										
	6th st SE.	1 NE						1 E				
	7th st SE.	1 NW										
	8th st SE.	1 NW										
	Hollins av.	1 SW						1 W				
	Brook av.	1 SW										
	Como av.	1 SW						1 S				

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPES.	Intersecting street.	No. and location of hy- drants.	Number of gates and side of street on which situated.							
			4	6	8	10	12	16	24	30 36
Jefferson st...	17th av NE....	1 SW								
Madison st...	4th av NE....	1 SW		1 N			1 S			
	Half way....	1								
	Spring st....	1 SW								
	Half way....	1								
	Summer st....	1 NW								
	Broadway....			1						
Main st. N. E.	Central av....	1 NW		1 N						
	1st av NE....	1 SE								
	2d av NE....	1 SE		1 N						
	3d av NE....	1 SE								
	4th av NE....	1 SE								
	5th av NE....	1 SE								
	6th av NE....	1 SE		1 S						
	7th av NE....	1 NW								
	8th av NE....	1 SW		1 N						
	9th av NE....	1 SW								
	10th av NE....	1 SW								
	Broadway or									
	11th av NE..	1 SW		1 S	1 N					
	12th av NE....	1 SW								
	13th av NE....	1 SW			2 N & S					
	14th av NE....	1 SW								
	15th av NE....	1 SW								
	16th av NE....	1 SW			1 S					
	17th av NE....	1 SW								
	18th av NE....	1 SW			1 S					
Main st. S. E..	2d av SE....	1 SE								
	3d av SE....	1 NE			1 N					
	Central av....			1 S						
	Bank st....	1 NE								
Marshall st...	4th av NE....	1 NW								
	5th av NE....	1 SW								
Marsh'll st NE	13th av NE....			1 N						
	14th av NE....	1 SW								
	Half way....	1								
	15th av NE....	1 SW		1 S						
	16th av NE....	1 SW								
	Half way....	1								
	18th av NE....	1 SW		1 N						
	1-third way...	1								
	2-thirds way..	1								
	22d av NE....	1 SW		1 S						
	24th av NE....	1 SW								
	25th av NE....	1 SW		1 N						
	250 ft N of ct'r of 25th av NE.	1								
M'rsh'll av SE	Oak st....	1 NE					1 E			
	21st av SE....	1 NE								
	22d av SE....	1 NE								
	22½ av SE....	1 NE					1 W			
	23d av SE....	1 NE								
	24th av SE....	1 NE								
	25th av SE....	1 NE								
	W of R k....						1			
Monroe st. NE	Central av....			1 N						
	2d av NE....	1 SW								
	3d av NE....	1 NW		1 N						
	Spring st....	1 SW								
Monroe st....	Summer st....	1 NW								
	Half way....	1								
	Broadway....			1 S	1 N					
	Half way....	1								
	13th av NE....	1 SW								
	15th av NE....	1 SW			1 S					
	17th av NE....	1 SW								
	18th av NE....	1 op NE								
	18½ av NE....				1 S					
Ninth st. S. E.	9th av SE....			1 S						
	10th av SE....	1 NW		1 N						
Ninth av. S. E.	7th st SE....			1 E						
	8th st SE....	1 NE								
	9th st SE....	1 NE								
	E of tracks....	1								
Oak st.....	4th st SE....						1 S			
	Arlington st..	1 SW								

STREET OR AVENUE OF PIPES	Intersecting street	No and location of hydrants	Number of gates and side of street on which situated.							
			4	6	8	10	12	16	24	30
Jefferson st	17th av NE ..	1 SW								
Madison st	4th av NE ..	1 SW		1	N			1	S	
	Half way	1								
	Spring st ..	1 SW								
	Half way	1								
	Summer st ..	1 NW								
	Broadway				1					
Main st N E	Central av ..	1 NW		1	N					
	1st av NE ..	1 SE								
	2d av NE ..	1 SE		1	N					
	3d av NE ..	1 SE								
	4th av NE ..	1 SE								
	5th av NE ..	1 SE								
	6th av NE ..	1 SE		1	S					
	7th av NE ..	1 NW								
	8th av NE ..	1 SW		1	N					
	9th av NE ..	1 SW								
	10th av NE ..	1 SW								
	Broadway or									
	11th av NE ..	1 SW		1	S	1	N			
	12th av NE ..	1 SW								
	13th av NE ..	1 SW			2	N & S				
	14th av NE ..	1 SW								
	15th av NE ..	1 SW								
	16th av NE ..	1 SW			1	S				
	17th av NE ..	1 SW								
	18th av NE ..	1 SW			1	S				
Main st. S.E.	2d av SE ..	1 SE								
	3d av SE ..	1 NE			1	N				
	Central av ..			1						
Marshall st	Bank st ..	1 NE								
	4th av NE ..	1 NW								
	5th av NE ..	1 SW								
Marsh'll st NE	13th av NE ..			1	N					
	14th av NE ..	1 SW								
	Half way									
	15th av NE ..	1 SW		1	S					
	16th av NE ..	1 SW								
	Half way	1								
	17th av NE ..	1 SW		1	N					
	1-third way	1								
	2-thirds way	1								
	22d av NE ..	1 SW		1	S					
	24th av NE ..	1 SW								
	25th av NE ..	1 SW		1	N					
	250 ft N of c'tr of 25th av NE	1								
M'rah'llav SE	Oak st ..	1 NE					1	E		
	21st av SE ..	1 NE								
	22d av SE ..	1 NE								
	22d av SE ..	1 NE					1	W		
	23d av SE ..	1 NE								
	24th av SE ..	1 NE								
	25th av SE ..	1 NE								
	W of R 16						1			
Monroe st NE	Central av ..			1	N					
	2d av NE ..	1 SW								
	3d av NE ..	1 NW		1	N					
Monroe st	Spring st ..	1 SW								
	Summer st ..	1 NW								
	Half way	1								
	Broadway			1	S	1	N			
	Half way	1								
	13th av NE ..	1 SW								
	15th av NE ..	1 SW			1	S				
	17th av NE ..	1 SW								
	18th av NE ..	1 op NE								
	18th av NE ..				1	S				
Ninth st. S E	9th av SE ..			1	S					
	10th av SE ..	1 NW		1	N					
Ninth av. S.E.	7th st SE ..			1	E					
	6th st SE ..	1 NE								
	9th st SE ..	1 NE								
	E of tracks	1								
Oak st	4th st SE ..						1	S		
	Arlington st ..	1 SW								

TABLE No. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting streets.	No. and location of hy- drant.	No. of gates and side of street on which situated.									
			4	6	8	10	12	16	24	30	36	
Sixth st SE.....	10th av SE.....	1 NW										
Sixth av SE.....	9th st SE.....	1 NW										
	R R tracks	1 W of T										
	Division st			1 S								
Sixth st NE.....	Broadway.....			1 N								
	12th av NE.....	1 SW										
	15th av NE.....	1 SW		1 N, 1 S								
	17th av NE.....	1 SW										
Sixth av NE.....	Marshall st	1 NE		1 E								
	Main st	1 NE										
	3d st NE.....	1 NE										
	3d st NE.....			1 W								
Spring st.....	Harrison st	1 NE			1 E							
	Tyler st	1 NE										
	Polk st	1 NE										
	Taylor st	1 NE			1 W							
	Fillmore st	1 NW										
	Pierce st	1 NW										
State st.....	Beacon st.....	1 NW										
	Cambridge st.			1 N								
Taylor st.....	Division st.....	1 NW										
10 st NE.....	3d av NE.....	1 SW										
3d st NE.....	Central av.....	1 NE					1 N					
	1st av NE.....	1 NE										
	3d av NE.....	1 NE										
	3d av NE.....	1 NE										
	4th av NE.....	1 NE										
	5th av NE.....	1 NE										
	6th av NE.....	1 SE					1					
	7th av NE.....	1 NE										
	8th av NE.....	1 NE										
	9th av NE.....	1 NE										
	10th av NE or											
	Broadway.....	1 SE					1 S					
3d st SE.....	Central av.....	1 SW					1 S					
	1st av SE.....	1 NW										
	2d av SE.....	1 SW										
	3d av SE.....	1 NW		1 S			1 N					
	4th av SE.....	1 NE										
	5th av SE.....	1 NE										
	6th av SE.....	1 NE										
	7th av SE.....	1 NE		1								
	8th av SE.....	1 NE										
	9th av SE.....	1 NE										
	10th av SE.....	1 NE										
	11th av SE.....	1 NE										
	12th av SE.....	1 NE										
	13th av SE.....	1 NE										
	14th av SE.....	1 SW		1								
	15th av SE.....	1 NE										
	Oak st.....	1 NE		1 E								
	2d av SE.....	1 SE										
	3d av SE.....	1 SE		1 E								
	4th av SE.....	1 SE										
	5th av SE.....	1 SE										
	6th av SE.....	1 SE										
	7th av SE.....	1 SE		1 E								
	8th av SE.....	1 SE										
	9th av SE.....	1 SE										
	30th av SE.....	1 SE										
	Malcolm av	1 NE		1 W								
3d av NE.....	5th st NE.....				1 E							
	Madison st.....	1 NE										
	Monroe st.....	1 NE										
	Quincy st.....	1 NE			1 E							
	Jackson st.....	1 NE										
	Van Buren st	1 NE										
3d av SE.....	On Hen, 1st'nd											
	in pump luse								1			
	Main st.....	1 SE										
	2d st SE.....	1 NE										
		1 SW										
	3d st SE.....	1 NE										
	4th st SE.....											
	5th st SE.....	1 NE							2 E & W			
	6th st SE.....	1 NE										

* On parallel pipe.

† From 6-inch pipe alongside of 24-inch pipe.

TABLE NO. 5.—Continued.

STREET OR AVENUE OF PIPE.	Intersecting streets.	No. and location of hy- drant.	No. of gates and side of street on which situated									
			4	6	8	10	12	16	24	30	36	
Sixth st SE ..	16th av SE....	1 NW										
Sixth av SE ..	9th st SE....	1 NW										
	R R tracks ..	1 W of T										
	Division st ..			1 S								
Sixth st NE ..	Broadway ..			1 N								
	13th av NE ..	1 SW										
	15th av NE ..	1 SW		1 N, 1 S								
	17th av NE ..	1 SW										
Sixth av NE ..	Marshall st ..	1 NE		1 E								
	Main st ..	1 NE										
	2d st NE ..	1 NE										
	3d st NE ..			1 W								
Spring st.....	Harrison st ..	1 NE			1 E							
	Tyler st ..	1 NE										
	Polk st ..	1 NE										
	Taylor st ..	1 NE			1 W							
	Fillmore st ..	1 NE										
	Pierce st ..	1 NW										
State st.....	Beacon st ..	1 NW										
	Cambridge st ..			1 N								
Taylor st ..	Division st ..	1 NW										
10 st NE ..	3d av NE ..	1 SW										
3d st NE.....	Central av ..	1 NE					1 N					
	1st av NE ..	1 NE										
	2d av NE ..	1 NE										
	3d av NE ..	1 NE										
	4th av NE ..	1 NE										
	5th av NE ..	1 NE										
	6th av NE ..	1 SE					1					
	7th av NE ..	1 NE										
	8th av NE ..	1 NE										
	9th av NE ..	1 NE										
	10th av NE or Broadway ..	1 SE					1 S					
3d st SE.....	Central av ..	1 SW					1 S					
	1st av SE ..	1 NW										
	2d av SE ..	1 SW										
	3d av SE ..	1 NW		1 S			1 N					
	4th av SE ..	1 NE										
	5th av SE ..	1 NE										
	6th av SE ..	1 NE										
	7th av SE ..	1 NE		1								
	8th av SE ..	1 NE										
	9th av SE ..	1 NE										
	10th av SE ..	1 NE										
	11th av SE ..	1 NE										
	12th av SE ..	1 NE										
	13th av SE ..	1 NE										
	14th av SE ..	1 SW		1								
	15th av SE ..	1 NE										
	Oak st ..	1 NE		1 E								
	23d av SE ..	1 SE										
	24th av SE ..	1 SE		1 E								
	25th av SE ..	1 SE										
	26th av SE ..	1 SE										
	27th av SE ..	1 SE		1 E								
	28th av SE ..	1 SE										
	29th av SE ..	1 SE										
	30th av SE ..	1 SE										
	Malcolm av ..	1 NE		1 W								
3d av NE ..	5th st NE ..				1 E							
	Madison st...	1 NE										
	Monroe st ..	1 NE										
	Quincy st ..	1 NE			1 E							
	Jackson st ..	1 NE										
	Van Buren st ..	1 NE										
3d av SE	On Hen. Isl'nd											
	In pump hse ...											
	Main st ..	1 SE										
	2d st SE ..	1 NE										
	3d st SE ..	1 SW										
	4th st SE ..	1 NE										
	5th st SE ..	1 SE										
	6th st SE ..	1 SE										

• On parallel pipe.

TABLE NO. 6.

Showing Number and Location of Sprinkling Stand Pipes (West Side).

First street and Second avenue south	Sixth avenue south.
" " " " "	Twentieth avenue south.
" " " " "	Fourth avenue north
" " " " "	Eighth avenue north
Second street and " "	Tenth avenue south
" " " " "	Fourteenth avenue south
Two and one-half street and " "	Twentieth avenue south.
Second street and " "	Third avenue north
" " " " "	Plymouth avenue north.
" " " " "	Sixteenth avenue north.
" " " " "	Twentieth avenue north.
" " " " "	Twenty-fourth avenue north.
" " " " "	Twenty-seventh avenue north
" " " " "	Thirtieth avenue north
" " " " "	Thirty-third avenue north.
" " " " "	Thirty-eighth avenue north.
" " " " "	Forty-first avenue north
Washington avenue and " "	First avenue south.
" " " " "	Fourth avenue south
" " " " "	Eighth avenue south.
" " " " "	Thirteenth avenue south
" " " " "	Fifteenth avenue south
" " " " "	Nineteenth avenue south
" " " " "	Twenty-first avenue south
" " " " "	Second avenue north
" " " " "	Fifth avenue north.
" " " " "	Seventh avenue north.
" " " " "	Eighth avenue north.
" " " " "	Twelfth avenue north
" " " " "	Fifteenth avenue north
" " " " "	Eighteenth avenue north.
" " " " "	Twenty-second avenue north
" " " " "	Twenty-sixth avenue north
" " " " "	Thirty-sixth avenue north
Third street and " "	Second avenue south.
" " " " "	Ninth avenue south.
" " " " "	Eleventh avenue south.
" " " " "	Cedar avenue
" " " " "	Third avenue north
" " " " "	Ninth avenue north.
Fourth street and " "	Third avenue south
" " " " "	Sixth avenue south
" " " " "	Fifteenth avenue south
" " " " "	Riverside avenue south.
" " " " "	Twentieth avenue south
Riverside avenue and " "	Twenty-fifth avenue south.
Fourth street and " "	Henrietta avenue
" " " " "	Seventh avenue north
" " " " "	Sixth avenue north.
" " " " "	Tenth avenue north.
" " " " "	Sixteenth avenue north.
" " " " "	Plymouth avenue north
" " " " "	Twentieth avenue north.
" " " " "	Twenty-sixth avenue north
Fifth street and " "	Elghth avenue south
" " " " "	Eleventh avenue south.
" " " " "	Cedar avenue
" " " " "	Twentieth avenue south.
" " " " "	Third avenue north.
" " " " "	Seventh avenue north
" " " " "	Tenth avenue north
Sixth street and " "	Second avenue south.
" " " " "	Sixth avenue south
" " " " "	Thirteenth avenue south
" " " " "	Sixteenth avenue south
" " " " "	Eleventh avenue north
" " " " "	Fourteenth avenue north.
Sixth avenue and " "	Oak Lake avenue north
Oak Lake avenue and " "	Elghth avenue north.
Royalston avenue and " "	Hoag avenue north
" " " " "	North of Bridge
Seventh street and " "	Fifth avenue south
" " " " "	Seventh avenue south
" " " " "	Eleventh avenue south
" " " " "	Fifteenth avenue south
" " " " "	Nineteenth avenue south
" " " " "	Twenty-first avenue south.
Seventh street and " "	First avenue north.
" " " " "	on Lyndale avenue.

Seventh street and Eighth avenue north.
 " " " Twelfth avenue north.
 " " " Sixteenth avenue north.
 " " " between Laurel and Hawthorne,
 " " " and Superior avenue
 Eighth street and Nicolet avenue
 " " " Third avenue south.
 " " " Twelfth avenue south
 " " " Fourteenth avenue south,
 " " " Cedar avenue
 " " " Seventeenth avenue south.
 " " " Twenty-second avenue south.
 " " " Twenty-eighth avenue south
 " " " Fourth avenue north,
 " " " Eleventh avenue north,
 " " " Twentieth avenue north
 " " " Western avenue.
 Ninth street and Fifth avenue south
 " " " Eighth avenue south
 " " " Twenty-fifth avenue south
 " " " Sixth avenue north
 " " " Sixteenth avenue north,
 " " " Twentieth avenue south
 Tenth street and First avenue south
 " " " Fourth avenue south
 " " " Eighth avenue south.
 " " " Thirteenth avenue south.
 " " " Hennepin avenue
 " " " Sixteenth avenue north
 Tenth street and Eighth avenue north
 " " " Twenty-fifth avenue north
 Eleventh street and Western avenue
 " " " Eleventh avenue north
 " " " Plymouth avenue north.
 " " " Twenty-fourth avenue north.
 Twelfth street and Nicolet avenue
 " " " Third avenue south
 " " " Hennepin avenue
 " " " Twentieth avenue north.
 Thirteenth street and Nicolet avenue
 " " " Stevens avenue south
 " " " Sixth avenue south.
 " " " Sixth avenue north
 Fourteenth street and Spruce place
 " " " Hennepin avenue
 Fifteenth street and Fourth avenue south
 " " " Seventh avenue south
 " " " Eleventh avenue south
 " " " Sixth avenue north.
 Sixteenth street and Third avenue south.
 " " " Harmon place
 " " " Stevens avenue.
 " " " Linden avenue.
 " " " James avenue north
 " " " Fifth avenue north
 Seventeenth street and Sixth avenue south.
 " " " Spruce place
 " " " Nicolet avenue
 " " " Hennepin avenue
 " " " Groveland avenue
 Eighteenth street and Eighth avenue south.
 " " " Tenth avenue south
 " " " Union avenue
 " " " Western avenue north.
 Nineteenth street and Stevens avenue
 " " " Fifth avenue south
 " " " Ninth avenue south.
 " " " Lindley avenue
 Twentieth street and Nicolet avenue south.
 " " " Lyndale avenue
 " " " Third avenue south
 " " " Seventh avenue south
 " " " Eleventh avenue south
 " " " Sixteenth avenue south
 " " " Cedar avenue
 " " " Twentieth avenue south
 " " " Twenty-second avenue south.
 " " " Twenty-fifth avenue south
 " " " Hennepin avenue.
 Twenty-second street and Fourth avenue south
 " " " Sixth avenue south
 " " " Eighth avenue south
 " " " Eleventh avenue south
 " " " Fourteenth avenue south
 " " " Minnehaha avenue.
 " " " Twenty-sixth avenue south.

Twenty-fourth street and	Blaisdell avenue.
" " "	Stevens avenue
" " "	Third avenue south
" " "	Eleventh avenue south.
" " "	Thirteenth avenue south
" " "	Bloomington avenue south.
" " "	Sixteenth avenue south
" " "	Cedar avenue.
" " "	Minnehaha avenue
" " "	Hennepin avenue
" " "	Irving avenue
Twenty-fifth street and	First avenue south.
" " "	Fourth avenue south.
" " "	Sixth avenue south
" " "	Seventh avenue south
" " "	Ninth avenue south.
" " "	Seventeenth avenue south.
" " "	Minnehaha avenue.
" " "	Twenty-fifth avenue south.
" " "	Twenty-seventh avenue south.
" " "	Pleasant avenue
" " "	Lyndale avenue
Twenty-sixth street and	Nicollet avenue.
" " "	Grand avenue
" " "	Clifton avenue
" " "	Eighth avenue south.
" " "	Thirteenth avenue south.
" " "	Bloomington avenue south
" " "	Cedar avenue
Twenty-seventh street and	Dupont avenue south
" " "	Lyndale avenue south.
" " "	Pleasant avenue south
" " "	Stevens avenue
" " "	between Fifth and Sixth avenues south
" " "	and Park avenue
" " "	Twenty-seventh avenue south.
" " "	Hennepin avenue.
Twenty-eighth street and	Harriet avenue
" " "	Nicollet avenue.
" " "	Clifton avenue south.
" " "	Fourteenth avenue south
" " "	Seventeenth avenue south
" " "	Cedar avenue
Twenty-ninth street and	Park avenue south
Lake street and	Irving avenue.
" " "	Hennepin avenue
" " "	Dupont avenue
" " "	Lyndale avenue
" " "	Pleasant avenue.
" " "	Nicollet avenue.
" " "	Third avenue south
" " "	Sixth avenue south
" " "	Eighth avenue south
" " "	Fourteenth avenue south
" " "	Cedar avenue
" " "	Hiawatha avenue.
Thirty-first street and	Pillsbury avenue.
" " "	Bloomington avenue
Thirty-second street and	Hennepin avenue.
" " "	Pleasant avenue
" " "	Lyndale avenue
" " "	Stevens avenue.
" " "	Clifton avenue
Thirty-third street and	Fourth avenue south
Thirty-fourth street and	Hennepin avenue
" " "	Eighth avenue south
" " "	Cedar avenue
Thirty-fifth street and	Irving avenue
Thirty-sixth street and	Lake Calhoun
Thirty-eighth street and	Third avenue south
" " "	Eighth avenue south.
Kenwood boulevard and	Mt. Curcio avenue
" " "	Sheridan avenue
" " "	Twenty-second street.
Crystal Lake avenue and	Janes avenue
" " "	Twenty-first street
" " "	Penn avenue.
Clifton avenue between	Vine and Clifton Place

TABLE NO. 6. *Continued.*

EAST SIDE

Nicollet Island and Park street.
" " " Central
" " " Maple place
" " " Main street
Main street and Second avenue south-east.
" " " First avenue northeast.
" " " Fourth avenue northeast
" " " Sixth avenue northeast.
" " " Eighth avenue northeast
" " " Broadway northeast
" " " Seventeenth avenue northeast.
Marshall street and Thirteenth avenue northeast.
" " " Fourteenth avenue northeast
" " " Seventeenth avenue northeast.
" " " Twenty-second avenue northeast.
" " " Twenty-sixth avenue northeast.
Ramsey street and eighth avenue northeast.
University avenue and Second avenue southeast.
" " " Fifth avenue southeast.
" " " Tenth avenue southeast
" " " Sixteenth avenue southeast
" " " Oak street southeast.
" " " Twenty-fourth avenue southeast
" " " Thirty-first avenue southeast.
" " " First avenue northeast.
" " " Third avenue northeast.
" " " Eighth avenue northeast.
" " " Broadway northeast
Fourth street between Fourth and Fifth avenues southeast
" " " and Seventh avenue southeast
" " " Tenth avenue southeast.
" " " Twelfth avenue southeast.
" " " Twentieth avenue southeast.
" " " Central avenue northeast
Fifth street and Third avenue southeast.
" " " Eighth avenue southeast.
" " " Fourteenth avenue southeast.
" " " Third avenue northeast
Sixth street and Sixth avenue southeast.
" " " Eleventh avenue southeast.
" " " Adams street northeast
Adams street and Broadway northeast
" " " Seventeenth avenue northeast
Seventh street and Central avenue.
" " " Second avenue southeast.
" " " Fifth avenue southeast
" " " Eighth avenue northeast
Monroe street and Third avenue northeast
" " " Broadway northeast.
" " " Fifteenth avenue northeast.
" " " Eighteen and one-half avenue northeast.
Madison street and Spring street northeast.
Ninth street and Fifth avenue southeast
" " " Tenth avenue southeast
Tenth street and Third avenue northeast
Como avenue and Fourteenth avenue southeast
Rollins and Fourteenth avenue southeast
Jefferson street between Fourteenth and Fifteenth avenues northeast
Central avenue and Broadway northeast.
" " " Eighteen and one-half avenue northeast.
" " " Twenty-second avenue northeast.
" " " Twenty-fifth avenue northeast
Cambridge street and Howard street southeast
Washington street and Fifteenth avenue northeast.
Polk street and Twenty-fifth avenue northeast.

TABLE NO. 7.

*Showing the Number and Location of Watering Troughs and Fountains in City,
January 1, 1892.*

FOUNTAINS.

On Bridge square
Cedar avenue and Washington avenue
Minneapolis and Twentieth avenue south.
Plymouth avenue and First street
Central avenue and Fifth street, East Side.
Monroe street and Third avenue northeast
Grant street and Clinton avenue

Tenth avenue south and Eighth street
 Dupont avenue and Twenty-sixth avenue north
 Broadway and University avenue northeast
 Fifth street and Fourth avenue northeast
 Twelfth street and Western avenue
 Twentieth avenue north and Second street
 Thirty-sixth avenue north and Washington
 Thirty-sixth street and Lake Calhoun
 Twentieth avenue north and James avenue

TROUGHs.

On Plymouth avenue and Tenth street
 Washington avenue and Fifteenth avenue north
 Marshall avenue and Eighth avenue northeast.
 Marshall avenue and Sixth avenue northeast.
 University avenue and Fourteenth avenue southeast
 Main street and Thirteenth avenue northeast
 Lake street and Lyndale avenue
 Lyndale avenue and Eleventh avenue north
 Dupont and Plymouth avenues
 Twenty-fifth avenue northeast and Marshall

TABLE NO. 8.

Showing Location of New Hydrants Set During the Year 1891.

New Hydrant set on	Washington and Fourth avenue north
" " "	Fifth street and Seventh avenue north
" " "	Portland avenue and Lake street.
Old	Central avenue and Fourth street

TABLE NO. 9.

Showing Hydrants Repaired During the Year 1891, with Locations.

Four hydrants on	Fourth street and Eighth avenue southeast.
Three hydrants on	Clinton avenue
Hydrants repaired on	First avenue south and Second street.
" "	Eighth street and Thirteenth avenue south.
" "	Sixteenth avenue northeast and Washington
" "	Spring and Summer streets northeast.
" "	Nicollet avenue and Eleventh street
" "	First avenue south and Third street.
" "	Marshall street and Fifth avenue northeast
" "	Hennepin avenue and Twelfth street.
" "	Western avenue and Eleventh street.
" "	Tenth avenue north and Third street
" "	Fifth avenue and Bryant north
" "	Seventh avenue north and Third street.
" "	Twelfth avenue north and Girard avenue.
" "	Third street and Sixth avenue north
" "	Grand avenue and Twenty-second street.
" "	Stevens avenue and Seventeenth street.
" "	Fifteenth street and Vine place.
" "	Kenwood and Twenty-first street.
" "	Twelfth avenue south and Third street.
" "	Clinton avenue and Twenty-sixth street
" "	Vine place and Fourteenth street.
" "	Fifteenth street and Nicollet avenue
" "	Central avenue and Sixth street southeast.
" "	Third street and Thirteenth avenue south.
" "	Ninth street and Fifteenth avenue south
" "	Central and Eighteenth avenues northeast.
" "	Central and Nineteenth avenues northeast.
" "	Central and Twenty-first avenues northeast
" "	Central and Twenty-second avenues northeast.
" "	Park av. between Twenty-sixth and Twenty-seventh streets.
" "	Marshall street and Fourteenth avenue northeast.
" "	Central and Thirteenth avenues northeast.
" "	Central and Fourteenth avenues northeast
" "	Seventeenth avenue and Eighth street south.
" "	Twentieth avenue north and Fannin avenue.
" "	Riverside and Nineteenth avenues south.
" "	Cedar avenue and Twenty-second street south
" "	Central avenue and Buchanan street northeast.
" "	Washington avenue and Seventeenth street north.
" "	Nicollet avenue and Twenty-third street.
" "	Ridgewood and Lyndale avenues.
" "	Sixteenth street and Vine place
" "	Sixteenth avenue and Fifth street north

Hydrants repaired on	Second avenue north and Fifth street.
" "	Second avenue and Twentieth street.
" "	Sixteenth avenue south and Twentieth street.
" "	Nicollet avenue and Seventh street.
" "	Second avenue south and Sixth street.
" "	Washington and Eleventh avenues south.
" "	Eleventh avenue south and Third street.
" "	Second street between Nicollet and First avenues south.
" "	Second street between First and Second avenues south.
" "	Tenth avenue northeast and Second street.
" "	Second street between Third and Fourth avenues south.
" "	Second street and Fourth avenue south.
" "	Ninth street and Fifteenth avenue south.
" "	Hennepin and Lyndale avenues.
" "	Jackson and Broadway.
" "	Lyndale and Twelfth avenues north.
" "	Seventh avenue south and Eighth street.
" "	Seventh avenue south and Twenty-sixth street.
" "	Cedar avenue and Ninth street.
" "	Plymouth avenue and Fourth street.
" "	James and Crystal Lake avenue.
" "	Twenty-sixth avenue north and Sixth street.
" "	Eighth street and Sixteenth avenue south.
" "	Fourth avenue and Seventh street southeast.
" "	First street and Fifth avenue north.
" "	First avenue and Twenty-seventh street south.
" "	Third avenue and Seventh street southeast.
" "	Oak and Fourth streets southeast.
" "	Fifth street and Eleventh avenue north.
" "	Fremont and Twenty-fourth avenues north.
" "	Fremont and Twenty-sixth avenues north.
" "	Sixth avenue and Russell avenue north.
" "	Russell and Tenth avenues north.
" "	Western and Morgan avenues.
" "	Seventh street and Sixth avenue southeast.
" "	Blumington avenue and Twenty-second street.
" "	Twentieth avenue and Sixth street north.
" "	Third avenue and Second street southeast.
" "	Main street and Second avenue southeast.
" "	Nicollet Island and Maple.
" "	Nicollet Island and Central avenue.
" "	Pleasant avenue and Franklin.
" "	Lindley and Franklin avenues.
" "	First street and Eighth avenue north.
" "	Fifth street and Thirteenth avenue south.
" "	Cedar avenue and Eighth street.
" "	Ninth street and Twenty-fifth avenue north.
" "	Tenth street and Twentieth avenue north.
" "	Seventh street and Seventh avenue southeast.
" "	Seventh street and Eighth avenue southeast.
" "	Adams street and Fifteenth avenue northeast.
" "	Cedar avenue and First street.
" "	Nicollet avenue and First street.
" "	Nicollet avenue and Thirty-first street.
" "	Nicollet avenue and Thirty-second street.
" "	Hennepin avenue between Lake and Thirty-second street.
" "	Fifth avenue and Fifth street south.
" "	Fifteenth avenue and second street north.
" "	Second street and First avenue north.
" "	Third avenue and Thirty-sixth street south.
" "	Stevens avenue and Thirty-first street.
" "	Monroe and Spring streets northeast.
" "	Twenty-fourth street and Park avenue.
" "	Twenty-fourth street and Grand avenue.

HYDRANTS TAKEN OUT AND NOT REPLACED

One on	Fifth street and Eleventh avenue north.
" "	Ridgwood and Lyndale avenues.
" "	Hennepin between Oak Grove and Groveland.
" "	Fifth street and Fourth avenue north.
" "	Third street and Fifth avenue north.

TABLE NO. 94.

Showing Hydrants Moved During the Year 1891.

Hydrants moved on	Fifth street and Third avenue north.
" "	Lake street and Twenty-seventh avenue south.
" "	Second street and Twentieth avenue north.
" "	Washington and Twentieth avenue north on southwest corner.
" "	Fourteenth street and Stevens avenue.
" "	Central and Twenty-third avenue northeast.
" "	Central and Twenty-fourth avenue northeast.
" "	Central and Twenty-fifth avenue northeast.

Hydrants moved on	Central and Eighteenth and one-half avenue northeast.
"	Central and Nineteenth avenue northeast.
"	Central and Twenty-first avenue northeast.
"	Central and Twenty-second avenue northeast.
"	Forest and Groveland avenues.
"	Hennepin and Nineteenth street.
"	Hennepin and Twentieth street.
"	Hennepin and Twenty-first street.
"	Hennepin and Twenty-second street.
"	Hennepin and Twenty-third street.
"	Hennepin and Twenty-fourth street.
"	Hennepin and Summit avenues.
"	Hennepin between Nineteenth and Twentieth streets.
"	Central avenue and Broadway.
"	Hennepin between Twenty-fourth and Twenty-fifth streets.
"	Hennepin and Twenty-fifth street.
"	Hennepin between Twenty-fifth and Twenty-sixth streets.
"	Hennepin and Twenty-sixth street.
"	Twentieth avenue north and Washington northeast.
"	Hennepin between Twenty-sixth and Twenty-seventh streets.
"	Hennepin and Twenty-seventh street.
"	Hennepin between Twenty-seventh and Twenty-eighth streets.
"	Hennepin and Twenty-eighth street.
"	Hennepin between Twenty-eighth and Twenty-ninth streets.
"	Hennepin and Twenty-ninth street.
"	Hennepin between Twenty-ninth and Thirtieth streets.
"	Fourth street and Tenth avenue south.
"	Third street and Fifteenth avenue south.
"	Fourth street and Eleventh avenue south.
"	Central avenue and Ninth street.
"	Washington and Twenty-second avenue north.
"	Emerson and Twentieth avenue north.
"	Washington and Twenty-seventh avenue north.
"	Washington and Twenty-fifth avenue north.
"	Washington and Twenty-sixth avenue north.
"	Second street and Eighth avenue northeast.
"	Second street and Ninth avenue northeast.
"	Second street and Tenth avenue northeast.
"	First street and Twentieth avenue north.
"	Twentieth avenue north near bridge.
"	Monroe street and Fifteenth avenue northeast.
"	Monroe street and Seventeenth avenue northeast.
"	Monroe street and Eighteenth avenue northeast.
"	Fifth street and Sixth avenue north.
"	Twelfth street and First avenue south.
"	Monroe street and Third avenue northeast.
"	Thirty-third street and Second avenue south.
"	Monroe street and Spring street northeast.
"	Monroe street and Summer street northeast.
"	Monroe between Summer and Broadway northeast.
"	Washington and Twenty-first avenue north.
"	Plymouth avenue and Aldrich avenue north.
"	Plymouth avenue and Bryant north.
"	Thirteenth avenue and Third street south.
"	Plymouth avenue and Dupont avenue north.
"	Plymouth avenue and Emerson avenue north.
"	Plymouth avenue and Twelfth avenue north.
"	Plymouth avenue and Girard avenue north.
"	Plymouth avenue and Humboldt avenue north.

TABLE NO. 10.

Showing Number of Gates Repaired During the Year 1891, with Location.

Three gates on	Fifth street and Sixth avenue north.
"	East and west Broadway gates on University.
"	East and west Park avenue gate on Twenty-seventh street.
"	Park avenue and Twenty-sixth street.
"	Hadden street near bridge.
"	Second street and Third avenue south.
"	Hennepin avenue and Lake street.
"	Hennepin avenue and Twenty-ninth street.
"	Hennepin avenue and Twenty-sixth street.
"	Hennepin avenue and Twenty-fourth street.
"	Twenty-fourth street and Tenth avenue south.
"	Central and Third avenues northeast.
"	Central avenue and Harrison street.
"	Washington and Sixth avenues north.
"	Fifth street and Tenth avenue north.
"	Fourth street and Cedar avenue.
"	Elverside and Twentieth avenue south.
"	Second street and Twenty-eighth avenue north.
"	Second street and Second avenue south.
"	Third street and Third avenue north.

Three gates on	Sixth street and First avenue south
" "	Stevens avenue and Twentieth street.
" "	Stevens avenue and Fourteenth street.
" "	Fifth street and Eleventh avenue south
" "	Irving avenue and Thirty-sixth street (two gates)
" "	Third street and Fifth avenue north.
" "	Lyndale and Hennepin avenues
Gates repaired on	Seventh street and Thirteenth avenue southeast
" "	Main street and Central avenue
" "	Second street and Sixth avenue south.
" "	Tenth street and Third avenue south.
" "	Twelfth street and Hawthorne avenue.
" "	Lyndale and Twenty-fourth street.
" "	Lyndale and Twenty-fifth street.
" "	Lyndale and Twenty-seventh street.
" "	Division street and Fourteenth avenue southeast.

TABLE NO. 11.

Showing Mains Repaired During 1891, with Location.

Mains repaired on	Washington and Fourth avenues north.
" "	Main street bet. Seventeenth and Eighteenth avenues northeast.
" "	Lyndale and Thirty-second avenue north.
" "	Lyndale and Thirty-fifth avenue north.
" "	Central avenue and Second street

TABLE NO. 12.

Showing Inventory of Plumbing Shop.

One set of pipe dies and stock from 2 1/4 inches to 4 inches.	One set of pipe dies and stock from 1 inch to 2 inches
One set of dies and stock from 1/4 to 1 inch	One set of pipe taps from 1/4 to 2 1/2 inches.
One 2 1/4 inch pipe tap reamer	One large pipe cutter
One medium sized pipe cutter.	One small pipe cutter.
One pipe vice	One bench vice
Two No. 3 chain tongs	One large chain tongs
One adjustable pipe tongs	Two Stillson pipe wrenches
Two monkey wrenches	Two cold chisels
One spirit level	One 1-inch left hand pipe die
Two plumber's furnaces	One 1 1/2-inch left hand pipe die
One brass force pump	Two wooden benches.
Two tool chests	One quart oil can
One 1-gal. oil can	One 2-inch S wrench.

TEES

Eleven 4-inch	Ten 3 1/2-inch
Eight 3-inch	Twelve 2 1/4-inch
Seven 2-inch.	Eleven 1 1/2 inch.
Six 1 1/4-inch	Three 1-inch
Ten 3/4-inch.	Two 1/2-inch.
Three 1/2-inch	Four 1/4-inch

ELBOWS.

Three 4-inch	Eight 3 1/2-inch
Three 3-inch	Three 2 1/2-inch
Three 2-inch	Two 1 1/2-inch
Three 1 1/4-inch	Twenty-six 1-inch M&I iron
Twelve 1-inch cast iron	Eight 1/2-inch.
Five 1/2-inch	Ten 1/4-inch.
Five 1/4-inch	

ELBOWS, 45°.

Eight 4-inch	Seven 3 1/2-inch
Four 3-inch	Twelve 2 1/4-inch
Five 2-inch.	Six 1 1/2-inch
Eight 1-inch.	Five 1/4-inch

FLANGE UNIONS

Three 4-inch.	Three 3 1/2-inch
One 3-inch.	Three 2 1/2-inch
Three 2-inch.	

PLUGS.

Three 4-inch	Five 3 1/2-inch.
Two 3-inch	Two 2 1/2-inch.
Six 2-inch	Six 1 1/2 inch.
One 1 1/4-inch	Eleven 1-inch
Eight 3/4-inch	Three 1/2 inch
Two 1/2-inch.	Two 1/4-inch

PIPE CAPS.

One 4-inch.	One 2 1/2 inch
One 2-inch.	Five 1 1/2-inch
Three 1-inch.	Three 1/2-inch
Five 1/2-inch	Five 1/4-inch.

Two $4 \times 3\frac{1}{4}$
Two $4 \times 2\frac{1}{2}$
Three $3\frac{1}{2} \times 2$
Three $2\frac{1}{2} \times 2$
Three $2\frac{1}{2} \times 1\frac{1}{4}$
One $1\frac{1}{2} \times 1\frac{1}{4}$
Two $1\frac{1}{2} \times \frac{3}{4}$
One $1 \times \frac{3}{4}$
Two $1 \times \frac{1}{2}$
Three $\frac{1}{2} \times \frac{1}{4}$

Five $2 \times 1\frac{1}{2}$ -inch.
One $1\frac{1}{2} \times \frac{3}{4}$ -inch.
Two $1\frac{1}{2} \times \frac{1}{4}$ inch

Six 2-inch
One $1\frac{1}{2}$ -inch.
One $\frac{1}{2}$ -inch

Five $\frac{1}{2}$ L handle
Four $\frac{1}{2}$ ball cocks

Ten $1\frac{1}{4}$ -inch (long)
Five $1\frac{1}{2}$ -inch (long)
Eighteen $2\frac{1}{4}$ -inch (short)
Nine $3\frac{1}{2}$ -inch (short)
Three $1\frac{1}{2}$ inch (short)
Twelve $\frac{1}{2}$ inch (short)

One hundred and twenty-five pounds extra strong lead pipe $\frac{1}{2}$ -inch
Eighteen pounds solder
Two hundred and fifty feet iron pipe $\frac{1}{2}$ -inch
Seventy-five feet iron pipe 1-inch

BUSHINGS.

One 4×3 .
One $3\frac{1}{2} \times 3$
Two $3 \times 1\frac{1}{2}$
Three $2\frac{1}{2} \times 1\frac{1}{2}$.
Two 2×1
One $1\frac{1}{2} \times \frac{3}{4}$.
Two $1\frac{1}{2} \times \frac{1}{2}$.
One $1 \times \frac{1}{2}$
One $1 \times \frac{1}{4}$

REDUCERS

One $2 \times 1\frac{1}{4}$ -inch
Two $1\frac{1}{2} \times 1$ -inch.

MAL. UNIONS.

Two $1\frac{1}{2}$ -inch.
Six 1-inch
Seven $\frac{1}{2}$ -inch

BRASS COCKS.

One $\frac{1}{2}$ U & W T H.

NIPPLES.

Three 4-inch (long)
Eight $2\frac{1}{2}$ -inch (long)
Five $\frac{3}{4}$ -inch (short)
Six $1\frac{1}{2}$ -inch (short)
Six $\frac{1}{2}$ -inch (short.)

TABLE NO. 13.

Showing Inventory of Blacksmith Shop.

Two forges
Two anvils.
Fifteen pair tongs
One vice
One fourteen pound sledge.
One twelve pound sledge
One four pound hammer
Three two pound hammers.
One wedge block
One tool bench
One iron forge rack
Two bottom swedges.
Ten top swedges.
Two flatters.
One set hammer.
Two hot chisels.
One cold chisel
Sixteen round punches.
Seven heading tools.
One water pail.
Three tap wrenches
Two files.
Two oil cans.
Four twist drills.

One bar $\frac{3}{4}$ round iron.
One bar $\frac{1}{2}$ round iron.
Two bars $\frac{1}{2}$ round iron
One bar $1\frac{1}{2} \times \frac{1}{4}$ iron.

Nine bars $\frac{1}{2}$ round iron
One bar $1\frac{1}{2} \times \frac{1}{4}$ iron
One bar $\frac{1}{2}$ square iron
Two bars $\frac{1}{2}$ square iron.
Two bars $1\frac{1}{2} \times \frac{1}{4}$ iron.
Ten bars 1 in round iron.
One bar $3\frac{1}{2} \times 1$ iron.
One bar $2 \times \frac{1}{2}$ iron
One bar $\frac{1}{2}$ square iron
One bar $1\frac{1}{2}$ round iron.
One bar $\frac{1}{2}$ round iron
Eight 1 in square nuts
Thirty-five gate wrenches
One 1 in steel punch and die

One bit stock.
Two bits.
One desk.
One horse shoer's box
Three sledge handles.
Three hammer handles
One two-foot iron square.
Two two-inch square mandrils.
One two-inch round mandril.
One hundred thirty-five horse shoes.
Ten pounds horse nails.
Ten pounds toe calks
Two clench cutters.
One pair nippers.
One pair pinchers
One shoeing hammer.
One rasp.
One farrier's knife.
One fuller
One set of lightning dies.
One monkey wrench.
One screw driver.
One drill press.

NORWAY IRON.

One bar $\frac{3}{4}$ square iron
Five bars 7-16 round iron.
Six bars 5-16 round iron.
One bar $2 \times 5-16$ iron

COMMON IRON

One bar $\frac{1}{2}$ square iron.
One bar $1\frac{1}{2} \times \frac{1}{4}$ iron
One bar $\frac{1}{2}$ square iron.
One bar $1\frac{1}{2}$ band iron
One bar $3\frac{1}{2}$ in $\frac{1}{2}$ round iron.
One bar $3\frac{1}{2} \times \frac{1}{4}$ iron
Two bars $2\frac{1}{2} \times \frac{1}{4}$ iron.
One bar $2 \times \frac{1}{2}$ iron.
One bar $1\frac{1}{2}$ square iron.
One bar $1\frac{1}{2} \times \frac{1}{2}$ iron
One bar $2 \times \frac{3}{4}$ iron.
Thirty-two hexagon nuts.
Three thousand pounds coal.
Five pounds borax

STEEL.

Seven feet $1\frac{1}{2}$ x $\frac{1}{2}$ cast steel
One bar 1 in octagon steel
Two bars $1\frac{1}{2}$ square steel

Five bars $\frac{1}{2}$ octagon steel
Three bars $\frac{3}{4}$ square steel
One bar $\frac{1}{4}$ round mach steel

TABLE NO. 14.

Office and Tool House, January 1, 1892.

One stationary desk
One writing table
Three oak office chairs
One base burner coal stove.
Two cuspidors.
One water gauge.

One cooler
One waste basket.
One map Minneapolis.
One atlas.
One water phone.

STABLE AT TOOL HOUSE.

Six harnesses.
Six set harnesses.
Six wagons.
Six horse blankets.

One hydrant thawer.
Three ton hay.
Two hundred bushels of oats.
Four set bob sleighs.

TOOLS AT TOOL HOUSE

Three tapping machines, complete.
Three S wrenches.
Six monkey wrenches.
Six extension tongs
Two striking hammers, eight lbs
One brace, and bits.
One spirit level
One carpenter bench vice.
One Edson hand pump.
Twenty picks, handled.
One pinning furnace
One iron vice
One one inch die and stock
One one inch pipe cutter

Six street wrenches
Ten small socket wrenches.
Four gate wrenches.
Two set calking tools
Two steel sledges, eight lbs.
One one inch auger
One iron bench vice.
Two steel squares, two feet.
Ten shovels
Two tape lines
One grind stone.
One two inch die and stock
One two inch pipe cutter
One two inch tongs

MATERIAL AT TOOL HOUSE

Two inch elbows.
Two inch iron pipe.
100 $\frac{3}{4}$ inch corporation cocks
Six three-fourths inch stopcocks
Twenty hydrant valves, (old)
Six lanterns
One two gallon oil can
Three plows.
One fifty gallon oil tank
Fairbanks scales, 1200 lbs.
Two stoves

97 $\frac{1}{2}$ inch corporation cocks.
88 $\frac{1}{2}$ inch corporation cocks
Six one inch stopcocks
Brass hydrant taps
Four galvanized bailing buckets.
One five gallon oil can
Eight brass spindles, for gates
Two batteries
Two street fountains
Six sprinkling stand pipe castings.
One floor truck

BUSINESS OFFICE

One MacNeal and Urban safe.
Two stools
Three cuspidors
Two stationery desks.
Three chairs
Three paper weights
Two writing tables

Three waste baskets.
One letter press
One type writer.
One directory.
Stationery
One pair scissors

SUPERVISOR'S OFFICE.

One linoleum
One desk
Eight chairs.
One standing desk
Two stools
Two writing tables
One hat tree
One directory
One pair scissors.

One map
Four cuspidors
Two waste baskets
One drop lamp (electric).
Registering
One water gauge.
One letter press
Stationery.

ENGINEER'S OFFICE

Two chairs
Two cuspidors
One steel tape, 50 feet
One steel straight edge, 36 inches
One ink slab and cover
One pair callipers, large.
One dust brush
One atlas of Minneapolis.
Two stools.
Three tin tube floats.
One model of pump valve
One and one-half dozen thumbtacks.

Two drawing tables.
One office desk
One waste basket.
One radius bar for beam compasses
One nest of color cups, 3 $\frac{1}{4}$ inch
Two tumblers
One cup, granite ware.
One slate
Five wall maps.
Five framed drawings.
Stationery.

TABLE NO. 15.

Showing Material and Supplies on Hand January 1st, 1892.

PIPE.

Forty-three pieces 36-inch	Thirty-six pieces 10-inch
Ten pieces 30-inch	Sixty pieces 8-inch
Twenty-two pieces 24-inch	Forty-seven pieces 6-inch (old)
One hundred sixty-seven 16-in (old)	One hundred fifteen pieces 4-inch (new)
Eighty-two pieces 12-inch	

CROSSES (Specials)

One 36x36x24x24	Ten 12x12x12x12.
One 36x36x16x8.	Nine 12x12x8x8.
One 36x36x8x6.	Eleven 12x12x6x6.
One 24x24x24x24.	One 10x10x4x4.
One 24x24x10x10.	Twenty 8x8x6x6.
Seven 24x24x8x8.	Twelve 8x8x4x4.
Two 16x16x16x16.	Twenty-four 6x6x6x6.
One 16x16x12x12.	Twelve 6x6x4x4.
Seven 16x16x8x8.	Nineteen 8x8x8x8.
Nine 16x16x6x6.	

TEES.

One 36x36x6.	Eleven 12x12x4.
Two 24x24x3.	One 10x10x10.
Two 24x24x4.	One 10x10x6.
Two 16x16x16.	Thirteen 10x10x4.
Eight 16x16x12.	Eleven 8x8x8.
Five 16x16x10.	Twenty-seven 8x8x6.
Nine 16x16x8.	Twenty-two 8x8x4.
Nineteen 16x16x6.	Eight 6x6x6.
Seven 16x16x4.	Thirty-two 6x6x6.
One 12x12x12.	Thirty 6x6x4.
Sixteen 12x12x6.	Two 4x4x4.

REDUCERS.

Two 36 to 24.	Two 12 to 6.
Three 24 to 16.	Fourteen 12 to 6.
Two 24 to 12.	Seven 10 to 8.
Two 16 to 12.	Seven 10 to 6.
Eight 16 to 8.	Twenty-nine 8 to 6.
One 16 to 6.	One 8 to 4.
Seven 12 to 10.	Seven 6 to 4.

BENDS.

One 36-inch easy.	One 12-inch easy.
Two 30-inch $\frac{1}{2}$.	Forty-one 10-inch easy.
One 24-inch easy.	Five 10-inch $\frac{1}{2}$.
Thirteen 16-inch $\frac{1}{2}$.	Twenty-one 8-inch $\frac{1}{2}$.
Five 16-inch $\frac{1}{4}$.	Three 8-inch easy.
Three 16-inch easy.	Eleven 6-inch $\frac{1}{2}$.
Nine 12-inch $\frac{1}{4}$.	Ten 4-inch $\frac{1}{2}$.
One 4-inch $\frac{1}{2}$.	

SPIGOTS.

One 36-inch.	One 8-inch
Three 24-inch.	Two diagonal crosses 12x12x8x8.

PLUGS.

Twenty-four 8-inch
Twenty-nine 6-inch
Twenty-seven 4-inch

Eight 24-inch
Twenty-two 16-inch
Fifteen 12-inch
Nineteen 10-inch.

Thirty-two drills (long.)
Eighteen drills (short).
Twenty-five crowbars.
Thirteen hand saws.
Eleven hand axes.
Two dozen lanterns.
One-half barrel red globes.
Twelve pair rubber boots.
Six five gallon oil cans.
Seven one gallon oil cans.
Five pails.
Fifty feet $\frac{1}{2}$ -inch hose.
Twenty-three hydrant castings.
Twelve iron gate covers.
Five hand pumps.
Eight hydrants.

Eight slush scrapers.
Seven lead stoves.
Ten lead pots (large).
Ten lead pots (small).
Three hales calking rope.
Six hundred pounds lead pipe.
Five bars lead.
Seven sets calking tools.
Two hundred seventy-two picks.
One hundred forty shovels.
Thirteen brace mauls.
Eleven sledges.
Eighty-three pick handles.
Seven wood mauls.
Eleven sheathing caps.
Thirty-one gate cones.

Two 24 inch
Six 16 inch
Eight 12 inch
Two 12 inch.

One 36-inch
One 36-inch (split).
Two 30-inch.
Three 24 inch
Three 21 inch (split)
Nine 16 inch
Four large derricks.
Six wheel derricks.
Seven three-joint derricks
Four $1\frac{1}{4}$ inch falls 85 feet.

DIMENSION AND SHEATHING

Five thousand feet 4x12 18.
Eight thousand feet 3x12-18.
Three thousand feet 2x12-18

GATES

Five 8-inch.
Three 6-inch.
Three 4-inch.
Five 4-inch flange gates

SLEEVES

Fourteen 12-inch
Five 10-inch.
Ten 8-inch.
Eighteen 6-inch
Seven 4-inch

Four set blocks (large).
Seven set blocks (small).
One set chain blocks.
Six 1 inch falls 85 feet.

Eighteen thousand feet sheathing 8.
Six hundred feet 4x4-16.

TABLE NO. 16.

Showing in Detail Inventory and Supplies of Pumping Station No. 1.

OFFICE.

One book case.
One water cooler.
Nine record books.
One stool
One gas lamp and hose.

Two chairs.
One cuspidore.
One ink well.

TOOLS AND SUPPLIES.

One pair shears
One work bench.
One lead pot.
One quart cup.
Three five-gallon cans.
Five ten-gallon cans.
Five copper oil cans.
One four-gallon oil tank.
One hand saw
Five bark rakes
Two stoves and pipe.
One grindstone
One pair pipe tongs.
Five cold chisels.
One stove poker.
One pipe wrench
Four valve wrenches.
Twelve assorted wrenches.
One $\frac{1}{2}$ nozzle
Two branding irons.
Two axes.
Three caulking irons.
One pair tongs
Two ratchets
Seven drills
Seven pressure gauges.
One pan for tallow
Three pair rubber boots (old).
One set twelve inch blocks.
One set ten inch blocks.
One set eight-inch blocks.
One hundred feet $1\frac{1}{4}$ -inch rope.
Twenty-five feet $\frac{1}{2}$ -inch rope.
Two sixteen feet ladders.
One copper bar
Two fifty-gallon oil cans.
One coal scuttle.
Seventy-five feet $\frac{3}{4}$ -inch hose.
One paint brush.
Eight kegs drift.
Two pick poles.
Three shovels.
Two scoop shovels.
One ice chisel.
Four ice rakes.
Seventeen old oil cups

Thirty gallons engine oil.
Five valves for condenser.
One sledge
One jack-screw.
One iron wedge.
One registering gauge and clock.
One iron vice
One surface plate.
One gasoline torch.
One alligator wrench.
Two gate wrenches.
Three screw wrenches.
Four revolution counters.
Fifty feet $\frac{1}{4}$ inch M rope.
One copper hammer.
Eleven wire screen iron frames.
One grab for hoisting screens.
One extra crank for same.
Two hundred and sixteen ft. 5-16 chain.
One 3-16 inch rod
Two tacking books.
One cant book.
Two chains
Eleven socket wrenches.
Six glass tubes.
Six oil cups
Fifteen pounds Star candles.
Ten pounds rubber packing.
Twenty pounds hemp packing.
Forty new rubber valves.
Fifteen pounds tallow
Three stone drills (steel).
One screw driver.
Three steel bars.
One steam whistle
Five pounds cotton waste.
One box brass polish.
Forty pounds ϕ spikes
One spool piston packing
Twenty-five pounds rabbit.
Three pounds sheet copper.
One two-foot square.
One thermometer
Ten pounds patent grease.
One fire goug.
Four brooms.

GATES.

Two 24-inch.
Six 16-inch.
Eight 12-inch.
Two 12-inch.

Five 6-inch.
Three 6-inch.
Three 4-inch.
Five 4-inch flange gates.

SLEEVES.

One 36-inch.
One 36-inch (split).
Two 36-inch.
Three 24-inch.
Three 24-inch (split).
Nine 16-inch.
Four large derricks.
Six wheel derricks.
Seven three-joint derricks.
Four $1\frac{1}{2}$ inch falls 85 feet.

Fourteen 12-inch.
Five 10-inch.
Ten 8-inch.
Eighteen 6-inch.
Seven 4-inch.

Four set blocks (large).
Seven set blocks (small).
One set chain blocks.
Six 1 inch falls 85 feet.

DIMENSION AND SHEATHING.

Five thousand feet 4x12-18.
Eight thousand feet 3x12-18.
Three thousand feet 2x12-16.

Eighteen thousand feet sheathing 8.
Six hundred feet 4x4-16.

TABLE NO. 16.

Showing in Detail Inventory and Supplies of Pumping Station No. 1.

OFFICE.

One book case.
One water cooler.
Nine record books.
One stool.
One gas lamp and hose.

Two chairs.
One cuspidore.
One ink well.

TOOLS AND SUPPLIES.

One pair shears.
One work bench.
One lead pot.
One quart cup.
Three five-gallon cans.
Five ten-gallon cans.
Five copper oil cans.
One four-gallon oil tank.
One hand saw.
Five bark rakes.
Two stoves and pipe.
One grind-stone.
One pair pipe tongs.
Five cold chisels.
One stove poker.
One pipe wrench.
Four valve wrenches.
Twelve assorted wrenches.
One $\frac{1}{2}$ nozzle.
Two branding irons.
Two axes.
Three bulking irons.
One pair tongs.
Two ratchets.
Seven drills.
Seven pressure gauges.
One pan for tallow.
Three pair rubber boots (old).
One set twelve-inch blocks.
One set ten-inch blocks.
One set eight-inch blocks.
One hundred feet $\frac{1}{4}$ -inch rope.
Twenty-five feet $\frac{1}{4}$ -inch rope.
Two sixteen-foot ladders.
One copper bar.
Two fifty-gallon oil cans.
One coal scuttle.
Seventy-five feet $\frac{3}{4}$ -inch hose.
One palm brush.
Eight kegs drift.
Two pick poles.
Three shovels.
Two scoop shovels.
One ice chisel.
Four ice rakes.
Seventeen old oil cups.

Thirty gallons engine oil.
Five valves for condenser.
One sledge.
One jack-screw.
One iron wedge.
One registering gauge and clock.
One iron vice.
One surface plate.
One gasoline torch.
One alligator wrench.
Two gate wrenches.
Three screw wrenches.
Four revolution counters.
Fifty feet $\frac{1}{4}$ inch M rope.
One copper hammer.
Eleven wire screen iron frames.
One grate for hoisting screens.
One extra crank for same.
Two hundred and sixteen ft. 5-16 chain.
One 3-16 inch rod.
Two tacking hooks.
One cant hook.
Two chains.
Eleven socket wrenches.
Six glass tubes.
Six oil cups.
Fifteen pounds Star candles.
Ten pounds rubber packing.
Twenty pounds hemp packing.
Forty new rubber valves.
Fifteen pounds tallow.
Three stone drills (steel).
One screw driver.
Three steel bars.
One steam whistle.
Five pounds cotton waste.
One box brass polish.
Forty pounds spikes.
One spoon piston packing.
Twenty-five pounds rabbit.
Three pounds sheet copper.
One two-foot square.
One thermometer.
Ten pounds patent grease.
One fire gong.
Four brooms.

Two indicator lamps.
Seventy-five 16-candle power lamps.
Five 50-candle power lamps.
Five step ladders.
Two soap cups.
One work bench.
One brush broom.

One Korting injector.
One lock dumper regulator.
One electric battery.
One electric light extension.
One hydrostatic gauge.
One 35-foot extension ladder.

OFFICE.

Two desks.
One table.
Seven chairs.
One rubber ruler.
One waste basket.
One ink stand.
Two record safes.

One bottle mucilage.
Two pen holders.
One bottle ink.
One Tobor indicator.
Record books.
Stationery.

BOILER ROOM.

Six marine boilers.
Ten scoop shovels.
Three slash bars.
Two ash hoes.
Two ash shovels.
One flue rod.
Two coal picks.
Two Hoppes feed water purifiers.
One water pail.
One dipper.

Two wheelbarrows.
Three coal cars.
One Fairbanks scale.
One slate and pencil.
One reflecting lamp.
One hundred ft. 1½-inch hose and reel.
Two clinker hooks.
One 2-inch water meter.
One fuel oil heater.
One brush broom.

SUPPLIES IN OIL ROOM

One 300-gallon oil tank (iron).
Three 50-gallon oil tanks.
Two large tin pails.
Six lanterns.
One small scale.
Two rubber mops.
Six brooms.
Four flue scrapers.
One long handled shovel.
One bucket metal polish.
Four boxes metal polish.
Three pair rabbit boxes.
Two bars solder.
One-half gallon linseed oil and can.
Three hundred gallons valvoline oil.

Five pounds boiler gaskets.
Box rubber valves.
Thirty-five pounds of asbestos packing.
Eight pounds of hemp packing.
Twenty pounds Garlock's packing.
Eighty pounds Duval's packing.
Fifteen pounds candles.
Ten pounds oil soap.
Twelve pounds sheet iron rubber packing.
Nine pound sheet Jenkins packing.
Seven sheets emery cloth.
Three pounds plumbago.
One hundred and twenty-five lbs. waste.
One 1-quart copper oiler.

TOOLS.

One 3-ton chain block.....
One 1-ton chain block.
Two pipe cutters.
Seven pipe taps.
One large pipe stock and dies.
One small pipe stock and dies.
Two small steel bars.
Two steel clamps.
One hand saw.
One cross-cut saw.
One ax.
One hand ax.
One 2-foot square.
One No. 7 screw plate and dies.
Thirty hand taps.
One portable forge.
One anvil.
One sledge.
Four forge tongs.
Five chisels.
Two punches.
Two sets.
Eight cold chisels.
Three scrapers.
Two ratchets.
Sixteen drills.
One pair dividers.
Four callipers.
One setline.
Five packing hooks.
Sixteen files, assorted (old).
One rake.
Three chains.
Twelve starting screws.
Three Stillson wrenches.
Five monkey wrenches.

One gate wrench.
One hydrant wrench.
Six pin wrenches.
Seven box wrenches.
One ratchet wrench.
Seven spanned wrenches.
Ten socket wrenches, large.
Five socket wrenches, small.
Eight open end wrenches, large.
Fourteen open end wrenches, small.
Two copper hammers.
Three hand hammers.
One claw hammer.
One bit stock.
One set bits.
One extension bit.
One screw driver.
One pipe vice.
One bench vice.
One grind stone.
One pair shears.
One drawing knife.
One brest drill.
One saw set.
Two file handles, off set.
Three file handles, common.
Six eye bolts.
One traveling crane and attachments.
Two jackscrews.
One ratchet brace.
Four paint brushes.
One cylinder clamp.
Valve facing machine.
One babbitt ladle.
One long auger.
One crow bar.

GATE HOUSE.

Twenty-one wire screens.	One pike-pole.
Two hand wheels for gates.	One hundred feet rope.
One set iron blocks.	One ice rake.
Two ice chisels.	One wrench.

STORE ROOM.

One bundle 3/4-inch round iron.	Five hundred fire brick.
One bundle 3/4-inch round iron.	One pair 12-inch wooden blocks.
Five bars 3/4-inch round iron.	One pair 9-inch wooden blocks.
Seventy-two grate bars (new.)	Six pair spring hinges.
Seventy-five feet asbestos covering.	Four plungers and heaves for feed pumps.
1/2-barrel of asphaltum.	Two fuel oil tanks.
Nine hundred feet common lumber.	

TABLE No. 19.

Showing in Detail Expense of Lowering Pipe on Following Streets:

Third street and Fourth avenue north.....	\$1,196.29
Hennepin avenue, Twenty-second street to Groveland avenue.....	974.77
Relay pipe Fifteenth avenue and Eighth street southeast	567.54
Thirty-eighth street, Eighth to Tenth avenue.	318.92
Emerson avenue, Plymouth to Fourteenth avenue.	179.77
Aldrich avenue, Sixth to Eighth avenue north.....	84.86
Nineteenth street, Lyndale to Ridgewood avenue.....	111.63
Fourth avenue and Fifth street north	77.00
Total.....	<u>\$3,510.78</u>

ANNUAL REPORT
CHIEF ENGINEER
OF THE FIRE DEPARTMENT.
1891.

FIRE DEPARTMENT.

AUGUST H. RUNGE	-	-	-	Chief Engineer.
PETER J. KENNEY	-	-	-	First Ass't Engineer.
JAMES R. CANTERBURY	-	-	-	Second Ass't Engineer.
Z. T. MORRISON	-	-	-	Sup't Fire Alarm Telegraph.
ED. W. LAMBERT	-	-	-	Ass't Sup't Fire Alarm Telegraph.
HOSEA S. TUTTLE	-	-	-	Master Mechanic.
JOHN W. HORTON	-	-	-	Veterinary Surgeon.
F. M. SNYDER	-	-	-	Department Secretary.
L. S. HEAD	-	-	-	Assistant Secretary.

FIRE DEPARTMENT COMMITTEE OF CITY COUNCIL.

WILLIAM B. WOODWARD, Chairman.	
GEORGE W. FLANDERS.	D. D. FARNSWORTH.
JOHN T. MCGOWAN.	FRED. A. SCHWARTZ.

ANNUAL REPORT
OF THE
CHIEF ENGINEER OF THE FIRE DEPARTMENT.

OFFICE OF CHIEF ENGINEER, FIRE DEPARTMENT.
MINNEAPOLIS, MINN., January 1, 1892.

To the Honorable City Council of the City of Minneapolis.

GENTLEMEN:—I have the honor to submit the annual report of this department for the year ending December 31st. 1891.

The fire loss is estimated at \$1,156,069; insurance \$1,560,696. The month showing the largest loss was November: the month showing the smallest loss was December. Following is a list of the largest fires of the year, they being over \$10,000 each:

January 27, 7:28 A. M., box 15, J. C. Harper & Co., 519-521 Washington Ave. S., dry goods store. Loss \$11,516.82 Insurance \$44,500.

February 26, 12:23 A. M., box 8, 2 to 20 Fifth St. South; Clare-Speaker paint factory and Lumber Exchange. Loss \$192,777.90 Insurance \$200,000.00.

March 11, 10:24 P. M., box 12, 200 Hennepin Ave., R. Reese, clothing store. Loss \$21,239.31. Insurance \$22,500.

April 8, 12:40 P. M., box 156 Central Ave. and Eighth St., Minneapolis Grain & Feed Co. Loss \$14,872. Insurance \$14,000.

May 21, 2:57 A. M., box 437, J. W. Day & Son's lumber yard, foot of 24th, 25th and 26th Aves. N. Loss \$207,134.31. Insurance \$126,500.

May 31, 6:37 A. M., box 145, Nelson Paper Co.'s mill, foot of 4th Ave. N. E. Loss \$19,751.79. Insurance \$21,450.00.

June 22, 1:50 A. M., Minneapolis Street Railway's pavilion, 42d St and Queen Ave. Loss \$13,200. Insurance \$11,500.

July 17, 8:15 P. M., box 15, First St. and Fifth Ave. S. Crown Roller Mill. Loss \$23,726.28. Insurance \$265,000.00.

August 22, 12:25 P. M., Brightside, Cedar Lake, G. F. Warner's residence. Loss \$10,400. Insurance \$14,000.

September 24, 2:25 P. M., box 16. This fire was the quickest in its work of any in the year. It originated on the third floor of the 5-story brick building owned by D. S. Gillette and occupied by the Moore Carving Machine Co.; fire was caused by electric wires. At 2:27 P. M. the second alarm was sent out by Capt. Hanley and when I arrived the flames had control of the building and I sent out the third alarm at 2:28, followed by the general alarm at 2:36. At 2:40 the Gillette building collapsed. Elevator C, together with numerous frame buildings and wood yard was all

on fire by this time and help was summoned from St. Paul. In two hours the fire was under control. The department stretched 20,000 feet of hose at this fire. I cannot pass this item without a word of praise to the department for the stand they took on this windy day, determined as they were to conquer the flames; the flying embers seemed to be the master but the unflinching tenacity of the force and the alertness in obeying orders soon gave us the master hand. Loss, estimated, \$100,000. Insurance \$90,000.

October 21, 12:35 A. M., box 438, Bardwell, Robinson & Co.'s warehouse, sash, doors and blinds, 24th Ave. N. and First St. Loss \$72,305. Insurance \$98,851.

November 17, 4:56 A. M., box 45, Cooper building, 100-106 Third Ave. N., agriculture and glass. Loss \$129,8118.4. Insurance \$101,845.77.

Nov. 23, 9:49 P. M., box 9, North Star Boot & Shoe Co., 16, 18, 20 Third St. N., 5-story brick. Fire originated on the third floor; while several persons attempted to quench the flames, nobody thought of the fire alarm station within 150 feet of the building, and the result was that when the first company arrived at the fire, Capt. Hernlund immediately sent out a second alarm, followed by a third at 9:54 and the general alarm at 10:20. The department again acquitted themselves creditably in subduing the elements. If there is any person in command of a body of men and who would not praise them after a successful victory, that person should be swept off of the face of the earth. The whole of Hennepin avenue from Third street to Washington avenue was in danger, but the manly stand of the force, in spite of the falling walls and tremendous heat, soon gained the master hand, and the testimonials we have received speak more than volumes. A victorious body of men never "took up" their instruments of war in a happier frame of mind than did the Minneapolis Fire Department early in the morning of November 24th, 1891. Estimated loss, \$250,833.30. Insurance, \$409,500.00.

The total losses are greater than any year since 1887. Not only is this the case in Minneapolis, but all over the United States. In all cases, except the fire on February 26 and September 24, the fires have been confined to the buildings where they originated. The new Hale water tower has proven itself to be a machine which the city should have purchased long ago; and, in order to keep pace with the city, I would recommend the purchase of another water tower as soon as there is room to keep it. In the beginning of the year 1890 the officers of the different companies were all furnished with inside keys to all fire alarm stations, with instructions that as soon as they arrive on the scene of action to send out calls for second and third alarms as, in their judgment, the case will warrant. This order has been the means of calling extra apparatus to the fire quicker by from two to five minutes than heretofore.

MANUAL FORCE.

There has been an increase of fifteen in the manual force the past year. The force now consists of 241 officers and men.

APPARATUS.

The apparatus of the department consists of the following: Five first-class engines, 9 second class engines, 8 chemical engines, 17 hose carriages, 5 trucks, 1 supply wagon, 1 water tower, 4 fuel wagons, 2 fire alarm wagons, 4 chief's buggies and sleighs, 1 veterinary surgeon's buggy, cart and pung,

18 exercising wagons, 18 set of bob sleds. All the above are in good condition with few exceptions. There is also three (3) steamers and two (2) hose carriages in reserve.

REPAIR SHOP.

This is indeed an important branch in our department: every item of repairs, so far as it relates to the rolling stock, which is in need of repairs, has been done in the repair shop. As the city grows and the department increases, this shop will increase in its work. Our capacity is limited and it will only be a short time before additional room will be needed. The following is a summary of the work done during the year past:

Light Repairs.

	Jobs.	Hours.	Cost of material.
Stations	125	154	\$180.70
Steamers	228	4 068	1,452 21
Hose carts	95	904	307 27
Trucks	100	928	176.05
Chemicals	25	164	17.13
Officers' buggies	36	222	21 24
Fire alarm telegraph	30	491	94.69
Hospital	22	246	18 05
New articles	438	1,974	408 74
Swinging harness, harness spiders	51	1,111	25 02
Patterns		1 390	34 76
Miscellaneous	38	736	133.05
Hose repaired	574	195	135.25
Totals	1,770	12,656	\$3,040 16

General Overhauling.

	No.	Hours.	Cost of material.
Steamer	5	2,083	\$308 95
Chemicals	2	1,389	26 91
Buggies and cutters	6	964	60.41
Totals	14	5,186	\$397 27

There were built new during the year the following:

	Cost to city.	If made outside would cost—
One supply wagon	\$397.27	\$955 32
One F. A. T. wagon	38 88	105 48
Two shoeing wagons	98 53	355 73
One pole wagon	28 68	129.76
Veterinary surgeon buggy and cart	77 49	289 29
One truck	204 80	1,251 90
Gymnasium apparatus	78 97	283.37
Totals	\$922 00	\$4,370.85

HARNESS SHOP.

There were 655 odd jobs done in this branch of the shop besides making eight double and two single sets of harness, at a cost to the city of \$420.47; if done outside of the department would cost \$1,214.00

PAINT SHOP.

There were 14 pieces of apparatus newly painted, 7 touched and varnished, 3 partly painted and 52 miscellaneous jobs, at a cost of \$368.17; outside cost would have been \$1,874 17.

The total cost of the repair shop has been as follows:

Machinc shop stock	\$5,967 53
Harness shop stock	455 06
Paint shop stock	474 35
Running expenses, fuel, oil, light, etc.	510 12
Total	\$7,407.06

Total valuation of all the work in past year if done outside of the department would cost the city \$17,489.84.

M. F. D. GYMNASIUM.

My report would not be complete did I not allude to the gymnasium connected with this department. Limited though it has been its beneficial results cannot be too highly extolled. Commenced May 25, 1891, and ended Nov. 6th, 1891. Whole number of drills, 98. Whole number of attendance, 2498, averaging a trifle over twenty-five men to each drill. This is in addition to two grand parades, the first of which was on the occasion of the opening of the Industrial Exposition, the force consisting at that time of one grand commander, one captain, seven lieutenants, seven platoons of sixteen men each, making in all 121 men. The second parade was that of the Harvest Festival, with one grand commander, one captain, nine lieutenants, nine platoons of twelve men each, making in all 118 men.

There was 120 days to drill, twenty-two days of which there was no drill for various causes, which are as follows: May 29, pay day; July 16, laying corner stone of court house; Aug. 26, parade opening of Exposition; Sept. 22, decorating for Harvest Festival; Sept. 23, Harvest Festival parade; from Sept. 24 to Oct. 12 no drill on account of Elevator C fire, and on two other occasions on account of fires at night, making in all twenty-two days. Out of a report of 86 men, 75 were favorable, 9 favorable in part and 2 unfavorable.

There is in care of No. 4 Engine House belonging to the Gymnasium—

Two parallel bars, valued at \$23 00 each	\$46 00
One portable horizontal bar	25 00
One vaulting horse (\$30 00), one vaulting buck (\$15 00)	45 00
Four jumping boards (\$3 00), three mattresses (\$15 00)	18 00
One climbing rope (\$1 50) one iron wand (\$0 25)	1 75
One half dozen hand rings, ropes, straps and fasteners	12 00
Two ladders, two poles and fasteners	20 00
Thirty pair Indian clubs at 50c	15 00
Three pair Indian clubs at \$1 00	3 00
One pair vaulting stands	3 50
One pair jumping stands	2 00
One pair extra long straps	1 75
Total	\$122 00

All of the above mentioned apparatus was manufactured by members of the department at its repair shop.

Within the past ten years a great change has taken place in the accepted ideas of scholastic training. In times past the only aim of a schoolmaster was to develop the brain—with the body he had nothing to do; as a consequence the graduate was usually a pale and sickly youth. This is a thing of the past; the graduate of today stands erect, has a good chest development as well as firm muscles, and has all the appearances of being in the best of health and at the same time just as good a scholar

as his sickly predecessor. In no school or body of men do I see more need of physical training than in a fire department. The end of physical education is not the manufacture of more muscle; it is the development of a body, strong to support, prompt to obey, and efficient to educate the thought and purpose of the man. There is danger of over exertions which must be guarded against. I therefore recommend that the drill be the same as the one already adopted, with the military drill, the double quick calisthenics, ladders (different kinds), catches for wrestling, with a few other light variations, which, in my opinion, are preferable until further advanced - when the heavier apparatus will be very good. Marching is the best exercise for the legs, calisthenics will ensure healthy chests and develop the arms, moving at the double quick time improves the breathing power of the lungs; it also improves the memory and cures absent-mindedness; it requires one to be always on the alert, listening to each word of command and to act promptly. These are all good qualities to have at fires. In fact the gymnasium ought to be a training school for all practical purposes appertaining to fire duties, and everything, from putting on gaskets and making couplings to raising extension ladders and rescuing insensible persons, should come in their turn at the drill. For this purpose an old cart, old hose and ladders could be had at a very little expense and in case of an accident would not interfere with a company. This could all be accomplished with much benefit to the department and individuals, besides a pleasant change; all that is needed is the men to take an interest in their duties. The most complaint that has been made against the drills was that they did not come often enough to keep the soreness out.

This branch of the department will be continued the coming year, the members exercising as often as fires and weather will permit.

The success of the "gym" during the past year is due to a very large extent to the faithful work of A. G. Schlener, the instructor, who has had an extended experience in this class of work, and knows how to get the best results from the men under his supervision. With a larger room for the apparatus and sufficient time at the disposal of the members, it would be difficult to overestimate the benefits resulting from the same.

THEATER DETAILS.

Pursuant to an order from your honorable body of March, 1891, a detail of picked men from the department are on duty at every performance in the Grand, Bijou, Lyceum, and Pence Opera houses. A few incipient fires have been quietly extinguished by them. The buildings are inspected from basement to roof before the performances commence, and the detail remains long enough after the close of the performance to assure himself that everything is safe. Daily reports are made to this office of the condition of the house, and everything appertaining to the safety of the public is looked after by the details.

FALSE ALARMS.

John Goldrich was convicted in July, 1891, and sentenced to the workhouse for sending in a false alarm for the purpose of robbing the force while away from their quarters. The workhouse is altogether too mild a punishment for such brutes; imprisonment at hard labor for life would be a more fitting sentence.

HORSES.

Since last report there has been purchased twenty-three horses at a cost of \$4,700; nine (9) sold for \$560.50, one killed and one turned over to the workhouse; we have now in service 138 horses. The total cost of forage has been \$11,830.29, an average cost of \$82.73 per horse for the year; \$1.59 per week and 22½ cent per day. The average cost of hay was a trifle over \$10 per ton, the average cost of oats per bushel was 45½ cents.

The report of the veterinary surgeon gives statistics as to the diseases which have afflicted the horses in the department during the past year. The average number of horses in the infirmary was 14; the cost of medicine, liniments, etc., was \$143.62.

HOSE.

We have 35,650 feet of 2½ inch hose. Of this amount there is 20,850 feet of first class rubber hose, 2,000 feet of first class cotton hose, 12,450 feet of second class rubber hose, 350 feet of second class cotton hose; also 400 feet of 3½ inch hose and 130 feet of 3¼ inch hose, 4,100 feet of 1 inch chemical hose. There has been burnt and condemned since last report 4,850 feet of hose. We have purchased 8,000 feet of rubber hose, 2,000 feet of cotton hose and 1,000 feet of chemical hose, at a cost of \$9,047.36. It will be necessary to purchase an equal amount of hose during the year 1892.

FIRE ALARM TELEGRAPH.

This branch of the service has worked satisfactorily during the year. We have purchased six (6) alarm boxes at a cost of \$750. The cost of battery supplies and material for repairs and extensions has been..... The following is a summary of the labor performed upon fire and police lines.

New poles set	250
Old poles reset	100
New lines, miles	30
Old wire taken down, miles	10
New signal stations	6
Signal stations changed	15

We have now 164 miles of wires and poles, 40 miles of underground wire, one 10-circuit repeater, 618 cells battery, 199 fire alarm boxes, 24 large and 10 small gongs (one 4 circuit repeater, and one bell striker not in service) The telephone system has undergone a complete change, the department taking charge of it, and under the care of Supt. Z. T. Morrison. For further information I would respectfully refer you to the Professor's report.

WATER SUPPLY.

The water supply for fire purposes was improved during the year by the addition of one hundred and eight-two (182) hydrants and fifteen and one-half (15 1-2) miles of water mains

The new 36 inch main laid on Second street from Twentieth avenue north to Fifth avenue south with hydrants on each corner and in the centre of each block, has proven a blessing to this department and the public in general. We have now better water supply in the district from Third avenue north to Fifth avenue south and from Third street to the river, than ever before, and this district will be greatly improved during the coming year by the removal of all single hydrants and double hydrants substituted; in fact, double hydrants will take the place of single hydrants on all 36, 24 and 16 inch mains; this will allow the department

to place two engines at hydrants where heretofore only one engine could be used; it will also afford the department the means of bringing its forces closer to the scene of action, thereby causing less friction and more effective water at the nozzles.

There has been laid during the year 84,169 feet of water mains as follows:

6 inch.....	52,812.7
8 inch.....	10,054.7
12 inch.....	7,228.8
16 inch.....	3,283.9
36 inch.....	9,588.9
Total feet	84,169 0

This makes about 184 miles of water mains. The total number of hydrants now in use is 2,160.

I would recommend that cisterns of a capacity of about 700 barrels each be constructed in the business portion of the city so as to allow the concentrating of the force at given points, and, in the event of failure of water supply, they could be used to a great advantage. In fact, the wear and tear of our engines would be reduced considerably. As it is now, there is hardly a fire where engines are required to work for any length of time but what we find considerable gravel in our pumps. In the past year every one of our engines was more or less crippled by foreign substances in the mains.

FIRE STATIONS.

The usual incidental work of repairs to buildings has been carried on throughout the department as far as the appropriation would admit. The coming year extensive repairs will be required at headquarters, engine houses 4, 8, 9 and 10. The cost of repairs to buildings the past year has been \$1,692.63.

CASUALTIES.

The following is a list of casualties at fires, to others than members of this department.

February 20th, 1891, Miss Clara Morris was found burnt to death on the fourth floor of 115 Washington avenue south.

April 8th, 1891, Henry Tudar was suffocated on the third floor of the Liverpool house.

May 11th, 1891, one lady and one gentleman were burnt by boiling oil at 32 Holden street.

May 23d, 1891, Etta and John Lawler, aged six and one year respectively, were burnt to death at 1234 First avenue north.

August 19th, 1891, station 313 was pulled for the caving in of a sewer at 213 west Fourteenth street; the department found Salmon Bridgman killed, and rescued John Kenney and Mike Fleming.

September 7th, 1891, Mrs. R. R. Webb was burnt on face and hands from a gasoline stove at 2441 Garfield avenue.

September 17th, 1891, John O'Brien was badly burnt about face and hands from gasoline at 2619 Stevens avenue.

October 15th, 1891, Miss Annie Watson, a domestic employed at 21 Bridge square, was badly burnt by gasoline; she died the following day.

October 19th, 1891, Mrs. Thomas Oline of 1524 Franklin avenue, while lighting the fire in kitchen stove, had her clothes caught on fire and so seriously burnt her that she died on the following day.

December 31, 1891, at I. O. G. T. hall, 221 Cedar avenue, there was a gas explosion, and the following persons were more or less burned: J. P. Swenson, Chas. Johnson, A. A. Teurrellus, T. E. Olson and Albert Tunsted.

PERSONS RESCUED.

Persons in peril have been rescued by members of this department as follows:

January 14th, 1891, one woman and five children were taken from the third floor of 34 Washington avenue south by the members of truck No. 1.

February 20th, 1891, three men were taken from the third floor of 115 Washington avenue south by the members of truck No. 1.

April 8th, 1891, Otis E. Moore was rescued by members of Truck 1 from fire at Liverpool house.

FIRES AND ALARMS.

During the twelve months just past the department has answered 727 alarms, classified as follows: Four hundred and one by fire alarm telegraph, 169 stills, 43 by telephone, 39 by American District telegraph, 11 by personal service, 11 second alarms, 3 third alarms, 6 second and third alarm combined, 4 general alarms and 21 special calls.

Number of miles run by apparatus to fires has been 4,924, making a total distance traveled both ways 9,848 miles, an average of 218.8 miles to each apparatus.

Engine companies stretched 511,925 feet of hose, or about 97 miles. Engine Company No. 1 stretched the greatest number of feet, 46,150; Engine Company No. 17 the least, 9,350 feet.

Truck companies have raised 13,463 feet of ladders and discharged 379 charges of small chemicals. The chemical engines have discharged 338 charges from their tanks, making a total of 23,588 gallons of carbonic acid gas used during the year.

Companies have averaged 151 hours and 30 minutes each on duty at fires. Grand total of 6,824 hours; 56 tarpaulins have been spread.

The following table shows the distance traveled to and from fires by officers of the department:

Chief Engineer	5,615 blocks, or 431 miles, 12 blocks.
First Assistant Engineer	6,062 " 468 " 4 "
Second Assistant Engineer	7,964 " 612 " 8 "

Total

19,641 blocks, or 1,510 miles, 11 blocks.

Total distance traveled both ways 3,021 miles and 9 blocks.

EXPENDITURES.

The total expenditures in this department amount to \$274,130.90 for the past twelve months:

Salaries	\$308,161 54
Fuel and lights	7,850 32
Expenses of horses	13,293 96
Repairs to apparatus and buildings	5,377 82
Fire alarm telegraph	2,906 63
Storeroom supplies	804 06
Property purchased	31,008 12
General department running expenses	3,631 48
Total	\$274,130.90 \$274,130.90

Credit.

Nine horses sold, money turned over to general fund ...	\$ 500 50
Harness, etc.	74.02
Total	\$ 635.12 \$ 635.12
Actual expenditures	\$273,495.78

The value of fire department property is estimated at about \$575,000. For a complete and detailed statement of expenditures, I would respectfully refer you to exhibits accompanying this report, which, I trust, will prove satisfactory to your honorable body.

Exhibit A shows the organization, number, location and roster of each company, and the class, manufacture and time of service of each apparatus.

Exhibit B, statement of expenditures, etc.

Exhibit C, workings of the department.

Exhibit D, causes of fires, buildings, how occupied, etc.

Exhibit E is the report of the superintendent of fire alarm and police telegraph.

Exhibit F is the report of the veterinary surgeon and superintendent of horses, with tabular statement.

RECOMMENDATIONS.

I would respectfully recommend the building of a central station on Fourth street north. This building should be at least four stories high, first floor for apparatus, barn and offices, second floor for dormitory, closets and hay loft, third floor for drill room and gymnasium, and fourth floor for central office system of fire alarm telegraph and store room. This is the most important, although the automatic system is working in a satisfactory manner. The calls that have been made the past year for fire alarm stations by citizens in general, will tax our present system to the utmost capacity; therefore I would urge upon your honorable body to take this matter under consideration, as it is of vital importance. Would further recommend the immediate purchasing of a lot and the erection of a building and equipped with an engine and chemical company, in the vicinity of 32d Avenue North and Washington. This house would then cover the extensive lumber district now there, and would help out the resident portion of Camden until a company is stationed there, which necessarily will have to come before many years. Also a lot and building in the second ward in the vicinity of Oak and Cambridge streets. The residents and manufacturers in this vicinity have repeatedly asked for protection but have been lenient when informed that our funds would not allow it, and now that the appropriation has been made, they hope (as well as your servant) that by fall their hopes will be realized.

Would also recommend the purchasing of a lot in the district bounded by Fifth and Seventh avenue south and from Franklin to 24th street and some future time to erect a building to accommodate a truck and chemical company, for the benefit of that resident portion.

There is now being built three (3) extra hose wagons which will be stationed with Engine companies No. 2, 5 and 11, and supplied with about 1,200 feet of hose and other equipments ready for work. Heretofore on all large fires when extra hose was needed, valuable time was lost in reeling on and getting to the fire.

Would also recommend the laying of a 24 inch water main on Nicollet avenue from Second street to Twelfth street, with a double hydrant in the center and corner of each block.

Would also recommend that the salaries be readjusted.

Also recommend that engine companies, 1, 3, 4, 5, 6 and 11 be increased to 10 men each.

During the year we have had an average of 15 men detailed from the various companies to the repair shop. This has reduced the fighting force and impaired the efficiency of some companies. The detail report at 8 a. m. and labor until 5 p. m. and report for fire duty for the night. This is an extra amount of work and I would recommend that the detail to the shop be relieved from all fire duty.

CONCLUSION

In conclusion, I desire to return my thanks to his honor the mayor, to your honorable body, to the comptroller, Mr. Solon Armstrong, to the city treasurer K. Kortgaard and his able assistants, Messrs. Ankeny, Anderson and Roach, and all other city officers for their uniform kindness. To Superintendent Henderson and his force for assistance at fires. To assistant chiefs Kenney and Canterbury and acting assistant chiefs O'Neil and Hamilton, who have given me such undevoted assistance during the year, my warmest thanks are due. To the department at large, one and all, for their faithful performance of duty, gentlemanly deportment, and unvarying devotion in time of need I have the highest esteem.

To the honorable fire committee of the city council, I am under many obligations for their kindness shown the department during the year.

Respectfully submitted,

A. H. RUNGE, *Chief Engineer Fire Department.*

CASUALTIES.

Date	Names	Companies	Box	Injury
1891				
Jan 11	Thomas Kehoe ...	Truck	Co No 3	Muscles strained.
15	S H Gyrier	Engine	12	Sprained ankle
20	R Davis	Engine	10	Injured by horse.
22	O A Barnes	Engine	13	Injured finger
27	R D Nolan	Engine	1	Right arm sprained
Feb 4	C L Mitchell	Engine	8	Sprained ankle
11	A F Krake	Engine	3	Back, arm and shoulder.
26	W C Kelley	Truck	5	Arm and shoulder
26	E S Wilson	Engine	6	Right knee bruised
26	S M Lockhart	Engine	10	Arm and shoulder
26	J Horton	Engine	1	Right knee bruised.
Mar 4	C W Pierce	Engine	12	Bruised toe
14	E W Clayton	Engine	9	Bruised hand
14	E I Kingsley	Engine	11	Bruised hand.
19	Fred Wilson	Truck	2	Bruised hand
21	C H Dumas	Engine	11	Back sprained
25	E H Prescott	Engine	10	Bruised knee.
30	A L Shepard	Engine	8	Bruised hand
Apr 10	R Ehrenberg	Truck	1	Sprained wrist
24	T O Campbell	Truck	2	Sprained back
27	F A Peterson	Chemical	1	Sprained back.
27	P W Mixer	Engine	7	Bruised toe.
May 17	C W Harrington	Chemical	7	Hand burnt.
21	J H Lowery	Truck	2	Sprained wrist.
21	M Hanley	Engine	1	Eye injured
21	N C Lund	Truck	1	Struck in abdomen.
21	L W Livingstone	Engine	11	Shoulders and back.
21	W H McDonald	Engine	11	Struck by coupling
30	P T Quinn	Engine	15	Shoulder and arm
31	J A Gonstead	Engine	5	Fingers crushed
June 2	C M Robb	Engine	7	Injured at gymnasium
11	C A Glabs	Engine	14	Sprained knee
11	John Moran	Engine	1	Injured at gymnasium
16	Sandy Hamilton	Engine	11	Sprained ankle
26	J H Lowery	Truck	2	Injured at gymnasium
24	N Jurgens	Truck	1	Injured at gymnasium
27	J Bray	Truck	2	Injured at gymnasium
July 30	P E Smith	Chemical	1	Chin cut
30	P J Farrell	Chemical	5	Injured at gymnasium.
Aug 8	D T Bean	Engine	8	Bruised knee
14	T C Horton	Engine	17	Kicked by horse
19	N C Lund	Truck	1	Struck by buggy.
19	Thos Jefferson	Truck	3	Abscess from fall
20	N Steffes	Engine	14	Bruised knee.
20	H C Tuttle	Engine	6	Injured in quarters
Sept 21	Wm Remoken	Engine	11	Foot and ankle sprained
24	J R Canterbury	2d Asst.	Chief	Fractured thigh and burnt
24	C Forster	Truck	Co No 1	Bruised h.p. groin & burnt.
24	O L Mitchell	Engine	8	Bruised hand, back & burnt.
24	J H Lowery	Engine	9	Bruised knee
24	W C Kelly	Truck	5	Bruised back and leg
24	F Malone	Truck	3	Bruised hip and back
24	O H Lent	Truck	4	Bruised back and burnt.
24	S M Lockhart	Truck	4	Bruised back and hip
24	H W Cole	Engine	15	Bruised h.p. leg and burnt.
24	Peter Coleman	Truck	4	Bruised knee and burnt
24	N Smith	Engine	2	Bruised knee and burnt
24	J A Glab	Engine	6	Fractured leg ribs & burnt.
24	C Miner	Engine	14	Fractured arm and burnt.
24	J Horton	Engine	17	Sprained ankle and burnt
24	J Hafstead	Truck	3	Sprained ankle and burnt
24	Chas W Mitchell	Truck	1	Back broken, died Oct. 1.
Nov 23	Ben Wood	Engine	5	Fractured r.b
Dec 1	George Marden	Engine	11	Eye injured
2	E Cadwell	Engine	6	Toes bruised
2	F C Brittain	Engine	9	Hand sprained
2	A J Hart	Truck	4	Bruised foot

Memorials.

CHARLES W. MITCHELL.

Charles W. Mitchell, aged thirty-three years, a member of Truck Co. No. 1, was fatally injured at elevator C. fire on September 24th, 1891, and died October 1st. Mr. Mitchell was a young man of exemplary habits and was an excellent fireman; no man was more universally loved than was "Will." A detail from the department, together with a delegation of firemen from St. Paul, Anoka and Stillwater, attended the funeral. Rev. J. J. Faude, of Gethsemane Church, and Rev. A. Alexander, chaplain of St. Barnabas Hospital, conducted the services. "Will" was buried in the firemen's lot at Lakewood Cemetery.

The relief association paid to Miss Charlotte Mitchell, sister of the deceased, the sum of \$1,000, she being the beneficiary.

At the fire where Mr. Mitchell was fatally injured, the following members of this department were also injured, but are all on duty except the first four named:

James R. Canterbury, Second Assistant Chief, thigh fractured and badly burnt.
Lieut. John Gies, of Engine Co. No. 8, left leg broken, ribs fractured and badly burnt.
John Horton, of Engine Co. No. 17, serious sprain of the right foot and burnt.
Jacob Hufstead, of Truck Co. No. 3, serious sprain of right foot and burnt.

STILL IN HOSPITAL.

Capt. Chas. Forster	Truck No. 1.
Capt. Chas. Lent	Truck No. 4.
Lieut. W. O. Kelly	Truck No. 5.
Samuel Lockhart	Truck No. 4.
Peter Coleman	Truck No. 4.
William Coe	Engine Co. No. 17.
Robert Vance	Engine Co. No. 17.
Chas. L. Mitchell	Engine Co. No. 8.
Chas. H. Miner	Engine Co. No. 14.
Nicolas Smith	Engine Co. No. 2.
Ed Wilcox (sub.)	Truck No. 5.
Robert Vance	Engine Co. No. 17.
Fred. Malone	Hook and Ladder No. 3.

CHARLES J. H. HUNSTOCK.

C. J. H. Hunstock was one of the oldest members of the department, having joined the old volunteers in October, 1874. He was one of the best firemen the city ever had and served faithfully for many years. At the time of his death he was on the retired list on pension. His death occurred January 19, 1891. A wife and child survive his loss.

WILLIAM KENNEY.

Wm. Kenney joined the old volunteer department February 21, 1877, and was an experienced and able fireman, having served continuously since that date. His death occurred December 20, 1891, and was due to a severe attack of la grippe which rapidly developed into typhoid pneumonia, which latter was the cause of his demise. Mr. Kenney was well liked by brother members of the department, which fact was testified to by a very large attendance on the occasion of his funeral services.

EXHIBIT "A."

ENGINE COMPANY NO. 1.

Corner Third Street and Sixth Avenue South.

This is a first class piston engine, built by the Manchester Locomotive Works, Manchester, N. H., has been in service eight years; weight, as drawn to fires, 8,680 pounds, is drawn by three horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose, has been in service five years and six months.

Members	Age.	Former Occupation	Position.
Michael Hanley	42	Locomotive fireman	Captain
Albert Snyder	41	Lumberman	Lieutenant
James F. Agnew	27	Tinsmith	Pipeman
J. A. Anderson	20	Painter	Pipeman
John Horan	34	Tinner	Pipeman
Matthew Coyle	39	Sawyer	Fuzher
Richard D. Nolan	34	Locomotive engineer	Asst engineer.
James Brady	27	Teamster	Driver Engine.
J. T. McBride	37	Teamster	Driver Hose
*James N. Quigley	32	Teamster	

*Disabled on pension roll

ENGINE COMPANY NO. 3.

No. 43 Third Street South.

This is a first class piston engine built by the Clapp & Jones M'fg Co., Hudson, N. Y.; has been in service three years, weight as drawn to fires, 8,000 pounds, drawn by three horses.

Members.	Age.	Former Occupation	Position.
Herbert E. Peuney	32	Machinist	Engineer
Frank H. Babcock	27	Locomotive Engineer	Asst Engineer
Joseph E. Krake	35	Laborer	Driver Steamer

ENGINE COMPANY NO. 4.

Twelfth Avenue North between Washington Avenue and Third Street.

This is a second class piston engine, built by the Manchester Locomotive Works, Manchester, N. H., has been in service eight years and three months, weight as drawn to fires 7,700 pounds, is drawn by four horses, attended by one four-wheel hose carriage, drawn by two horses, capable of carrying one thousand feet of hose.

Members.	Age	Former Occupation	Position
William J. Hart	33	Tackmaker	Captain
Theodore Kenning	39	Carpenter	Lieutenant
George Kersten	36	Carpenter	Pipeman
Frank Board	20	Teamster	Pipeman
W. E. McFarland	25	Lumberman	Pipeman
Wm. E. Richmond	37	Locomotive Engineer	Engineer
Ed M. Whinnery	27	Locomotive Fireman	Asst Engineer
Thos. W. Eastman	31	Teamster	Driver, Steamer.
Joseph Steffen	48	Laborer	Driver, Hose

ENGINE COMPANY NO. 5.

Corner Fifteenth Avenue South and Fourth Street.

This is a second class piston engine, built by the Clapp & Jones Manufacturing Co. Hudson, N. Y., has been in service four years and two months, weight as drawn to fires 7,700 lbs., drawn by four horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose, has been in service eight years.

Members	Age.	Former occupation.	Position.
J. O. Sullivan	35	Miller	Captain
James McDonald	38	Cooper	Lieutenant.
Jas. P. Murphy	42	Laborer	Pipeman.
Jas. B. Hanson	30	Teamster	Pipeman.
David T. McIntosh	32	Boxmaker	Pipeman.
John A. Gonstead	29	Locomotive engineer.	Engineer
Henry H. Winslow	37	Teamster	Asst. Engineer.
James Hoy	30	Teamster	Driver steamer.
John Hale	46	Gas fitter	Driver hose

ENGINE COMPANY NO. 6.

Corner Twelfth Street and Third Avenue South.

This is a first class piston engine, built by the Aherns Manufacturing Co., Cincinnati, Ohio, has been in service five years and four months; weight as drawn to fires, 9,000 lbs., is drawn by four horses, attended by one four-wheel hose carriage, drawn by two horses, capable of carrying 1,000 feet of hose

Members	Age	Former occupation.	Position.
Ernest Cadwall	31	Mattress maker.....	Captain.
John A. Gies	39	Laborer	Lieutenant..
John J. Murphy	39	Teamster	Pipeman.
Alex. Shepard	28	Teamster	Pipeman.
Samuel C. Nelder	27	Teamster	Pipeman.
Nels C. Lund	33	Carpenter	Pipeman.
H. C. H. Tuttle	24	Teamster	Pipeman.
John W. Allen	29	Carriage maker.....	Engineer
Wm. Dunn	22	Machinist	Asst. Engineer.
Wm. H. McDonald	25	Millman	Driver steamer
Ernest A. Tiltz	24	Clerk	Driver hose.

ENGINE COMPANY NO. 7.

Near Corner Franklin and Twenty-first Avenues South.

This is a second class piston engine, built by the Amoskeag Manufacturing Co. Manchester, N. H.; was rebuilt in fire department repair shop 1890, has been in service seventeen years and four months, weight as drawn to fires, 7,887 lbs.; drawn by four horses, attended by one four-wheel hose carriage, drawn by two horses; capable of carrying one thousand feet of hose

Members.	Age.	Former occupation.	Position
Joseph Hernlund	32	Clerk	Captain.
Adolph W. Porsch	32	Moulder	Lieutenant
George S. Smith	47	Shoemaker	Pipeman.
C. H. Dunas	28	Clerk	Pipeman.
James Bloomer	31	Carpenter	Pipeman.
John W. Cheatham	35	Laborer	Pipeman.
Michael O. Sullivan	47	Lumberman	Engineer.
Phineas W. Mixer	30	Locomotive engineer. ..	Asst. Engineer.
Benj. Wood	45	Teamster	Driver steamer.
Cleoro M. Robb	45	Glove cutter	Driver hose
Frank Sieverkrof	32	Blacksmith	Blacksmith.
Adam Hunter	40	Blacksmith	Blacksmith.
H. A. Johnson	39	Blacksmith.....	Blacksmith.
A. E. Raymond	30	Blacksmith.	Blacksmith.

ENGINE COMPANY NO. 8.

Corner Twenty-eighth Street and Blaisdell Avenue.

This is a second class piston engine, built by the Manchester Locomotive Works, Manchester, N. H., has been in service nine years and two months; weight as drawn to fires 7,500 pounds, is drawn by four horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose.

Members.	Age.	Former occupation	Position
R. W. York	51	Carpenter	Captain
Wallace Jewell	34	Laborer	Lieutenant
Charles L. Mitchell	40	Carpenter	Pipeman.
David T. Bean	20	Laborer	Pipeman.
Stephen McBride	42	Teamster	Engineer
John E. Taylor	39	Locomotive engineer	Assistant engineer.
Wm. Blair	37	Teamster	Driver engine.
Kimball Davies	30	Laborer	Driver hose

ENGINE COMPANY NO. 9.

Corner of Seventh Avenue Southeast and Eighth Street.

This is a second class piston engine built by the Ahrens Mfg. Co., Cincinnati, Ohio, has been in service since April 11, 1891, and weighs, as drawn to fires, 8,700 pounds; is drawn by four horses, attended by one four-wheel hose carriage capable of carrying one thousand feet of hose, drawn by two horses.

Members.	Age	Former occupation	Position.
E. W. Oayton	31	Upholsterer	Captain
W. A. Gonyea	20	Laborer	Lieutenant.
O. C. Lane	30	Laborer	Pipeman.
Fred C. Brittain	27	Carpenter	Pipeman
A. W. Reeves	25	Shingle packer	Pipeman
Chas. N. Watts	36	Engineer	Engineer
Ira W. Haven	25	Locomotive engineer	Assistant engineer
Chas. A. Saunders	38	Lumberman	Driver steamer.
A. M. Niles	21	Carpenter	Driver hose.

ENGINE COMPANY NO. 10 AND WATER TOWER NO. 1.

Holden Street, Oak Lake Addition.

This is a first class piston engine built by the La France Fire Engine Company, Elmira, N. Y.; has been in service three years, weight, as drawn to fires, 9,350 pounds, is drawn by four horses, attended by one four-wheel hose carriage drawn by two horses capable of carrying one thousand feet of hose.

The water tower was built by the Kansas City Supply Co. and went into service in April, 1891. Its weight as drawn to fires is 10,070 pounds, is drawn by two horses.

Members.	Age.	Former occupation	Position
Willard Pollock	37	Tinner	Captain
John Hill	38	Teamster	Lieutenant.
George H. Smith	20	Clerk	Pipeman.
Chas. Mosher	24	Laborer	Pipeman.
Chas. Melthke	26	Bricklayer	Pipeman
Chas. Price	35	Machinist	Engineer
E. B. Mayo	32	Locomotive engineer	Assistant engineer
K. J. Broderick	39	Teamster	Driver steamer.
Thos. J. Coleman	27	Teamster	Driver hose
Ed. Feising	29	Laborer	Lieutenant W. T.
Daniel L. Kube	27	Carpenter	Pipeman
R. Davis	31	Shinglepacker	Driver W. T.

ENGINE COMPANY No. 11.

24 to 32 Second Street Southeast

This is a first-class piston engine built by the Abrens Manufacturing Co., Cincinnati, Ohio, has been in service five years, weight as drawn to fires 9,000 pounds, is drawn by four horses; attended by one four-wheel hose carriage, drawn by two horses capable of carrying 1,000 feet of hose.

Members	Age	Former Occupation.	Position.
Sandy Hamilton	27	Laborer	Captain
George Marden	34	Millman	Lieutenant.
Frank W. Uehlein	25	Painter	Pipeman.
Wm. N. Benolkin	24	Clerk	Pipeman.
Pat McElroy	41	Stonemason	Pipeman
Ed L. Kingley	35	Locomotive fireman	Engineer
J. W. Manning	30	Harnessmaker	Assistant Engineer
C. W. Pierce	27	Sawyer	Driver steamer
Hillman Gould	40	Teamster	Driver hose cart

ENGINE COMPANY No. 12.

Corner of Summer and Jackson Streets Northeast.

This is a second-class piston engine built by the Clapp & Jones Manufacturing Co., Hudson, N. Y., has been in service three years, weight as drawn to fires 6,800 pounds, drawn by three horses, attended by one four-wheeled hose carriage drawn by two horses, capable of carrying 1,000 feet of hose.

Members	Age	Former Occupation	Position
Nicholas Mangen	36	Blacksmith	Captain.
Lewis Livingston	30	Millman	Lieutenant.
Solomon H. Cyrier	37	Machinist	Pipeman.
John A. Benolken	24	Clerk	Pipeman
Tom Irving	20	Teamster	Pipeman.
Thos. E. McDouglck	21	Teamster	Engineer.
Fred B. Morse	24	Engineer	Assistant Engineer.
Addison D. Starkey	34	Teamster	Driver steamer
William O'Brien	30	Teamster	Driver hose.

ENGINE COMPANY No. 14.

Corner of Twenty-first Avenue North and Fourth Street.

This is a second-class piston engine, built by the La France Fire Engine Co., Elmira, N. Y., has been in service four years, weight as drawn to fires 8,000 pounds, is drawn by three horses, attended by one four-wheeled hose carriage, drawn by two horses, capable of carrying 1,000 feet of hose.

Members.	Age	Former Occupation.	Position.
Nicholas Steffes	41	Teamster	Captain.
Fred Kulk	35	Carpenter	Lieutenant.
Chas. H. Miner	34	Teamster	Pipeman
J. W. George	33	Carpenter	Pipeman.
H. A. Rippe	28	Machinist	Pipeman
Chas. A. Gibbs	28	Upholsterer	Engineer
George Lund	26	Sailor	Assistant Engineer
Wallace Smith	37	Teamster	Driver steamer.
Andrew Beck	48	Cigar maker	Driver hose.

ENGINE COMPANY NO. 16.

Corner of James Avenue and Fifth Avenue North.

This is a second-class piston engine, built by the Clapp & Jones Mfg. Co., Hudson, N. Y., has been in service since December 17, 1890, weight as drawn to fires, 7,740 pounds; is drawn by three horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose.

Members	Age	Former occupation	Position.
Christ, Henry	45	Shoemaker	Captain
Leubard Sharrf.	31	Cooper	Lieutenant.
Fred Schuppel	32	Laborer	Pipeman
Hugh Fox	25	Laborer	Pipeman
C. A. Howard	36	Blacksmith	Blacksmith
Wm. H. West	32	Blacksmith	Engineer
O. H. Foster	31	Steam fitter	Assistant engineer
George Seeliger	33	Laborer	Driver steamer.
Michael Henry	38	Harness maker	Driver hose

ENGINE COMPANY NO. 17.

Corner Chicago Avenue and Thirty Fifth Street.

This is a Cole Bros. second-class piston engine, has been in service since 1872, drawn by two horses, attended by one four-wheel hose carriage drawn by two horses, capable of carrying one thousand feet of hose.

Members.	Age	Former occupation	Position.
Chas. O. Pierce	56	Teamster	Captain
Merritt M. Dalley	31	Laborer	Lieutenant.
Hollis W. Cole	30	Laborer	Pipeman
John Horton	46	Edge sawyer	Pipeman
Robert Vance	38	Painter	Pipeman
Daniel E. Gunsolus	39	Brass finisher	Engineer
E. S. Wilson	32	Lumberman	Assistant engineer.
W. E. Reno	30	Teamster	Driver steamer.
Thos. C. Horton	41	Cooper	Driver hose

HOSE COMPANY NO. 2.

Corner Main Street and Thirteenth Avenue Northeast.

This is a four-wheeled hose carriage, built by the Fire Extinguisher Mfg. Co., Chicago, Ill., was formerly No. 3 and was rebuilt in the fire department repair shop September, 1893, weight as drawn to fires, 5,000 pounds; is drawn by two horses and is capable of carrying one thousand feet of hose.

Members	Age	Former occupation	Position.
Nicholas Thiele	49	Painter	Captain
Theo. Klars	32	Laborer	Lieutenant.
John W. Scheffel	31	Laborer	Pipeman
Nicholas Smith	29	Shingle sawyer	Pipeman
Wm. G. Walsh	30	Lumberman	Pipeman
Peter Miller	48	Laborer	Driver hose

HOSE COMPANY NO. 3.

Corner of Second Street and Third Avenue North.

This is a four wheel carriage, built by the Fire Extinguisher Manufacturing Co., Chicago, Ill., has been in service six years and five months, carries 1,000 feet of hose, drawn by two horses, weight as drawn to fires, 5,000 pounds.

Members	Age	Former occupation	Position.
A. F. Krake ...	34	Artist ...	Captain
Chas. Craigie ...	31	Baker ...	Lieutenant.
Daniel Harrington ...	24	Laborer ...	Pipeman.
William Schwartz ...	31	Laborer ...	Pipeman.
Chas. A. Essen ...	35	Painter ...	Pipeman.
John Thies	30	Laborer ...	Driver hose.

HOSE COMPANY NO. 13.

Seventeenth Avenue South between Twenty-fifth and Twenty-sixth Streets.

This is a four-wheeled carriage has been in service fifteen years drawn by two horses, capable of carrying 1,000 feet of hose, weight as drawn to fires, 5,000 pounds.

Members	Age	Former occupation	Position
Wm J. Malone	38	Carpenter ...	Captain.
Oliver A. Burnes	36	Cooper ...	Lieutenant.
Daniel Noonan ...	33	Cooper ...	Pipeman.
Patrick J. Farrell ...	29	Printer ...	Pipeman.
F. L. Davis ...	23	Packer ...	Driver hose.

HOSE COMPANY NO. 15.

Central Avenue and Twenty-fourth Avenue Northeast.

This is a four-wheeled carriage, built by the Moline Pump Co., Moline, Ill., has been in service two years and nine months, drawn by two horses, is capable of carrying 1,000 feet of hose, weight as drawn to fires, 5,000 pounds.

Members	Age	Former occupation.	Position.
Sidney B. Wilson ...	37	Upholsterer ...	Captain
John H. W. Glazier ...	45	Painter ...	Pipeman
Thos. P. Boland ...	29	Clerk ...	Pipeman.
W. J. Crosby ...	24	Clerk ...	Pipeman.
James Lowery ...	30	Packer ...	Pipeman.
Chas. F. Howe ...	35	Woodworker ...	Driver hose.

HOOK AND LADDER COMPANY NO. 1 AND SUPPLY NO. 1.

Corner Second Street and Third Avenue North.

This is an extra first-class turntable truck of the Hayes patent, built by the La France Fire Engine Co., Elmira, N. Y., has been in service since August 5, 1895; weight, including 415 feet of ladders, 11,500 pounds. Is drawn by four horses. This truck was rebuilt at the fire department repair shop in 1897. Supply wagon No. 1 is run in connection with this truck, has been in service since August 6, 1891, was built in the fire department repair shop, weight, 3,850 pounds, is drawn by two horses and carries two Babcock extinguishers, guard and life lines, 50 feet of $\frac{1}{2}$ hose and slangen or injection nozzle, etc., twenty-four covers, axes, hand pump and large hook chain and rope.

MEMBERS	Age	Former occupation	Position.
Chas. Forster	42	Printer ...	Captain
George Kehon ...	31	Lumberman ...	Lieutenant
Edward Thielen ...	29	Painter ...	Ladder man
Nicolay Jurgens ...	37	Sailor ...	Ladder man
John A. Miles	28	Locomotive fireman	Ladder man
Nicholas D. Loye	29	Harnessmaker ...	Ladder man
James Crotty ...	31	Teamster ...	Ladder man
Charles Bradley ...	31	Laborer ...	Ladder man
Beecher Holt ...	31	Lineman ...	Ladder man
Robert Ehrenberg ...	35	Carpenter ...	Thierman
James Slater ...	29	Teamster ...	Driver truck
L. A. Carpenter ...	26	Teamster ...	Driver supply

HOOK AND LADDER COMPANY NO. 2 AND CHEMICAL NO. 3.

From Twenty-four to Thirty-two Second Street Southeast.

This is a second-class steel truck, with modern improvements, including patent steering apparatus, built by Fire Extinguishing Mfg Co, Chicago, Ill. has been in service four years, drawn by two horses; weight, including 277 feet of ladders 7,500 pounds. Chemical No. 3 is run in connection with this truck. This was originally a two-wheeled chemical but was rebuilt into a combined chemical and fire patrol wagon at the fire department repair shop in 1890; is drawn by two horses, weight 4,200 pounds.

MEMBERS	Age	Former occupation.	Position.
William Treager	33	Tinner	Captain
L. D. Smith	39	Plumber	Lieutenant
Obder Campbell	34	Laborer	Ladderman
David Lagassee	44	Shoemaker	Ladderman
Fred Wilson	26	Lath sawyer	Ladderman
Henry Rappa	31	Butcher	Ladderman
Joseph Bray	30	Millman	Ladderman
Albert E. Murphy	30	Blacksmith	Ladderman
John Graybrook	31	Floor packer	Ladderman
Dennis Gorey	31	Millman	Tillerman
A. A. Hoyt	45	Teamster	Driver truck
Fred Bobmbach	30	Teamster	Driver chemical

HOOK AND LADDER COMPANY NO. 3.

Corner of Fifteenth Avenue South and Fourth Street.

This is a Babcock Aerial truck, with modern improvements, built by the Fire Extinguisher Manufacturing Company, Chicago, Ill., has been in service three years, was rebuilt at the fire department repair shop 1890; weight, including 324 feet of ladders 9,000 pounds; is drawn by four horses.

Members	Age	Former occupation.	Position
Win O'Neill	34	Laborer	Captain
James C. Pearson	30	Harnessmaker	Lieutenant
Fred Malone	33	Carpenter	Ladderman
John Barrett	24	Laborer	Ladderman
Frank Wolman	35	Painter	Ladderman
John Linstrom	26	Laborer	Ladderman
William J. Ford	31	Teamster	Ladderman
Thomas Jefferson	38	Laborer	Ladderman
Jacob Halstead	31	Carpenter	Tillerman
Chas. D. Wendt	30	Laborer	Driver truck

HOOK AND LADDER COMPANY NO. 4.

Twelfth Avenue North between Washington Avenue and Third Street.

This is a first class steel truck, built by the Fire Extinguisher Manufacturing Company, Chicago, Ill., has been in service two years and nine months, weight, including 32 feet of ladders 7,500 pounds; is drawn by two horses.

Members	Age	Former occupation.	Position.
Charles H. Lent	40	Bricklayer	Captain
Fred W. Vogel	35	Cooper	Lieutenant
Henry W. Steffens	35	Harnessmaker	Ladderman
Otto Lohr	27	Cooper	Ladderman
Edward Llewellyn	27	Lumberman	Ladderman
A. G. Schiener	41	Harnessmaker	Ladderman
Peter Colman	26	Laborer	Ladderman
Samuel Lockhart	34	Laborer	Ladderman
Wm. G. Volkert	32	Cabinetmaker	Tillerman
Albert J. Hart	38	Carpenter	Driver truck

HOOK AND LADDER COMPANY NO. 5.*Corner of Twenty-eighth Street and Blaisdell Avenue.*

This is a second class truck with modern improvements. Including the segment steering apparatus, was built by the Fire Extinguisher Manufacturing Company Chicago, Ill., has been in service eleven years and three months, was rebuilt at fire department repair shop 1889; weight including 304 feet of ladders, 4,774 pounds; is drawn by two horses.

Members	Age	Former occupation.	Position
James J. Murphy	44	Wagonmaker	Captain
Wm O Kelley	46	Cooper	Lieutenant.
Lawrence Lyng	41	Cooper	Ladder man.
Ira A Simons	24	Teamster	Ladder man.
Chas. Gould	37	Laborer	Ladder man.
Fred Boehlke	23	Carrriage finisher	Ladder man.
Chas. Osborne	28	Teamster	Ladder man.
Joseph Hannon	23	Carpenter	Ladder man.
Wm A Allen	32	Cooper	Tillerman.
William C. Winslow	29	Laborer	Driver truck

CHEMICAL ENGINE COMPANY NO. 1.*No. 43 Third Street South.*

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ills. has been in service eight years and one month; weight when ready for use 5,500 pounds, is drawn by two horses. This engine is substantially made with two iron tanks or generators jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members.	Age.	Former occupation	Position.
H. H. Thompson	35	Cooper	Captain.
Thos. J. McElroy	30	Laborer	Lieutenant.
Timothy S. Ryan	24	Bridge builder	Pipeman.
Percy E. Smith	26	Flour packer	Pipeman.
L. W. Mixer	32	Locomotive engineer	Pipeman.
John Cannon	40	Cooper	Driver.

CHEMICAL ENGINE COMPANY NO. 2.*Corner of Twenty-eighth Street and Blaisdell Avenue.*

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ills.; has been in service four years; weight when ready for use, 3,700 pounds; is drawn by two horses. This engine has two iron tanks or generators jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members.	Age.	Former occupation	Position.
James J. Murphy	44	Wagonmaker	Captain.
John Q. Gillman	41	Blacksmith	Lieutenant.
Frank A. Peterson	28	Laborer	Pipeman.
Thomas J. Cronk	44	Teamster	Driver.

CHEMICAL ENGINE COMPANY NO. 4.*Corner of Twenty-first Avenue North and Fourth Street.*

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ills.; has been in service four years; weight when ready for use, 3,700 pounds; is drawn by two horses. This engine has two iron tanks or generators jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members	Age	Former occupation.	Position.
H. W. B. Smith	41	Carpenter	Captain.
Ed. Stuth	30	Carpenter	Pipeman.
Ernest Miethke	25	Bricklayer	Pipeman.
George E. Gould	29	Teamster	Driver.

CHEMICAL ENGINE COMPANY NO. 5.

Seventeenth Avenue South between Twenty-fifth and Twenty-sixth Streets

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ill.; has been in service four years, weight when ready for use 3,700 pounds; drawn by two horses. This engine has two iron tanks or generators jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members	Age	Former occupation	Position
James McCulloch	30	Carpenter	Lieutenant.
Jerry Murphy	32	Laborer	Pipeman
Benjamin J. Bell	38	Blacksmith	Pipeman
Frank W. Davis	28	Clerk	Driver

CHEMICAL ENGINE COMPANY NO. 6.

Central Avenue and Twenty-fourth Avenue Northeast.

This apparatus was built by the Babcock Manufacturing company, Chicago, Ill., has been in service twelve years. Weight, when ready for use, 4,500 pounds, drawn by two horses. This engine has one upright iron tank or generator jacketed with brass, which is tested to 300 pounds pressure. Carbonic acid gas is both the working and extinguishing agent.

Members	Age	Former occupation	Position
Louis Rober	36	Flour bolter	Captain.
Henry R. Weekley	32	Blacksmith	Pipeman
T. J. Boban	26	Clerk	Pipeman
Cornelius Conkley,	28	Teamster	Driver

CHEMICAL ENGINE COMPANY NO. 7.

Corner of Chicago Avenue and Thirty-fifth Street.

This apparatus was built by the Fire Extinguisher Manufacturing Company, Chicago, Ill., has been in service since December 17, 1890. Weight, when ready for use, 3,700 pounds, is drawn by two horses. This engine has two iron tanks or generators, jacketed with brass, which are tested to 300 pounds hydrostatic pressure. Carbonic acid gas is both the working and extinguishing agent.

Members	Age	Former occupation.	Position
Chas. O. Pierce	56	Teamster	Captain
Chas. W. Rieger	27	Teamster	Lieutenant.
Chas. W. Harrington	37	Carpenter	Pipeman
J. M. Ryan	29	Packer	Pipeman
Michael Copely	48	Cooper	Driver

EXTRA WORK.

Repairs to apparatus and repair shop work	7 557 days.
Repairs to engine houses	160 days.
Fire alarm telegraph	327 days.
Hauling manure and extra work	81 days.
Total	7,825 days.

EXHIBIT "B."

Itemized Statements of Expenditures for Each Station, Year of 1891.

ENGINE COMPANY NO. 1.

Forage.....	\$426.53	
Lights.....	66.54	
Fuel.....	339.15	
Ice.....	30.52	
Laundry.....	32.19	
Soft soap.....	10.44	
Horse shoeing.....	64.25	
Repairs to buildings.....	84.06	
Property purchased.....	18.58	
		<hr/>
		\$1,072.26

ENGINE COMPANY NO. 2.

Forage.....	\$251.52	
Light.....	18.23	
Fuel... ..	95.75	
Ice.....	25.20	
Cesspool.....	20.52	
Laundry.....	12.00	
Horse shoeing.....	11.75	
Repairs to buildings.....	9.00	
Property purchased.....	21.25	
		<hr/>
		\$465.22

ENGINE COMPANY NO. 3 AND CHEMICAL NO. 1.

Forage.....	\$512.68	
Lights.....	113.72	
Fuel.....	383.40	
Ice.....	41.17	
Laundry.....	18.08	
Soft soap.....	9.92	
Horse shoeing.....	148.00	
Acid and soda.....	43.00	
Repairs to buildings.....	88.53	
Property purchased.....	116.50	
		<hr/>
		\$1,475.00

HOOK AND LADDER NO. 1 SUPPLY NO. 1 AND HOSE NO. 3

Forage.....	\$680.30	
Lights.....	213.62	
Fuel.....	311.83	
Ice.....	30.52	
Laundry.....	67.80	
Soft soap....	22.91	
Horse shoeing.....	85.00	
Acid and soda....	16.81	
Repairs to building.....	167.20	
Property purchased.....	176.77	
		<hr/>
		\$1,772.7

ENGINE AND TRUCK COMPANIES NO. 4.

Forage.....	\$841.21	
Light.....	65.92	
Fuel.....	521.42	
Ice.....	25.19	
Laundry.....	61.05	
Soft soap.....	6.90	
Scavenger work.....	44.80	
Horse shoeing.....	88.50	
Repairs to building.....	185.03	
Property purchased.....	72.66	
		<hr/>
		\$1,912.68

ENGINE COMPANY NO. 5 AND TRUCK NO. 3.

Forage.....	\$980.81	
Light.....	149.79	
Fuel.....	361.41	
Ice.....	24.58	
Laundry.....	55.34	
Soft soap.....	10.07	
Horse shoeing.....	102.50	
Repairs to building.....	51.60	
Property purchased.....	326.00	
		<hr/>
		\$2,062.10

ENGINE COMPANY NO. 6 AND FUEL WAGON NO. 1.

Forage.....	\$622.00	
Light.....	92.61	
Fuel.....	294.54	
Ice.....	31.03	
Laundry.....	39.87	
Soft soap.....	7.25	
Horse shoeing.....	75.00	
Repairs to building.....	3.98	
Property purchased.....	105.20	
		<u>\$1,271.66</u>

ENGINE COMPANY NO. 7 AND FUEL WAGON NO. 3.

Forage.....	\$628.99	
Light.....	70.75	
Fuel.....	313.56	
Ice.....	23.32	
Laundry.....	31.87	
Soft soap.....	7.34	
Scavenger work.....	19.20	
Horse shoeing.....	42.50	
Repairs to building.....	25.20	
Property purchased.....	159.76	
		<u>\$1,352.40</u>

ENGINE COMPANY NO. 8, TRUCK NO. 5, CHEMICAL NO. 2.

Forage.....	\$847.50	
Light.....	88.30	
Fuel.....	442.53	
Ice.....	29.90	
Laundry.....	66.08	
Soft soap.....	9.60	
Acid and soda.....	53.88	
Scavenger work.....	19.20	
Horse shoeing.....	87.75	
Repairs to building.....	206.00	
Property purchased.....	185.00	
		<u>\$2,096.52</u>

ENGINE COMPANY NO. 9 AND FUEL WAGON NO. 2.

Forage.....	\$539.80	
Light.....	110.15	
Fuel.....	574.34	
Ice.....	25.20	
Laundry.....	26.14	
Soft soap.....	13.08	
Scavenger work.....	32.00	
Horse shoeing.....	42.50	
Repairs to building.....	6.68	
Property purchased.....	35.37	
		<u>\$1,405.26</u>

ENGINE COMPANY NO. 10 AND WATER TOWER.

Forage.....	\$703.79	
Light.....	89.30	
Fuel.....	344.83	
Ice.....	29.00	
Laundry.....	35.36	
Soft soap.....	1.80	
Scavenger work.....	96.00	
Acid and soda.....	20.14	
Horse shoeing.....	60.50	
Repairs to building.....	63.89	
Property purchased.....	133.99	
		<u>\$1,588.50</u>

ENGINE COMPANY NO. 11, TRUCK NO. 2, CHEMICAL NO. 3 AND FUEL WAGON NO. 4.

Forage.....	\$1,000.33	
Light.....	195.12	
Fuel.....	466.41	
Ice.....	30.52	
Drugs.....	1.70	
Laundry.....	67.87	
Soft soap.....	18.05	
Horse shoeing.....	97.90	
Acid and soda.....	46.33	
Repairs to building.....	105.34	
Property purchased.....	65.43	
		<u>\$2,155.00</u>

ENGINE COMPANY NO. 12.

Forage.....	\$497.32	
Lights.....	43.51	
Fuel.....	103.81	
Ice.....	23.32	
Laundry.....	33.35	
Soft soap.....	7.47	
Scavenger work.....	89.00	
Horse shoeing.....	44.00	
Repairs to building.....	23.30	
Property purchased.....	65.90	
		<hr/>
		\$931.58

ENGINE COMPANY NO. 13 AND CHEMICAL NO. 5.

Forage.....	\$374.97	
Lights.....	31.50	
Fuel.....	150.03	
Ice.....	26.83	
Laundry.....	32.86	
Acid and soda.....	44.50	
Scavenger work.....	70.40	
Horse shoeing.....	31.75	
Repairs to building.....	42.84	
Property purchased.....	79.24	
		<hr/>
		\$885.01

ENGINE COMPANY NO. 14 AND CHEMICAL COMPANY NO. 4.

Forage.....	\$572.82	
Lights.....	33.60	
Fuel.....	481.48	
Ice.....	30.52	
Laundry.....	40.31	
Soft soap.....	5.22	
Acid and soda.....	50.60	
Horse shoeing.....	60.00	
Repairs to building.....	65.83	
Property purchased.....	27.34	
		<hr/>
		\$1,376.81

ENGINE COMPANY NO. 15 AND CHEMICAL COMPANY NO. 6.

Forage.....	\$408.37	
Lights.....	24.50	
Fuel.....	349.70	
Ice.....	30.19	
Laundry.....	29.85	
Soft soap.....	3.00	
Acid and soda.....	13.35	
Horse shoeing.....	12.40	
Repairs to building.....	168.12	
Property purchased.....	23.78	
		<hr/>
		\$1,063.26

ENGINE COMPANY NO. 16.

Forage.....	\$460.22	
Lights.....	38.78	
Fuel.....	354.75	
Ice.....	20.00	
Laundry.....	26.77	
Soft soap.....	1.80	
Horse shoeing.....	40.50	
Repairs to building.....	144.59	
Property purchased.....	113.58	
		<hr/>
		\$1,200.00

ENGINE COMPANY NO. 17 AND CHEMICAL COMPANY NO. 7.

Forage.....	\$492.09	
Lights.....	44.80	
Fuel.....	435.76	
Ice.....	19.25	
Laundry.....	27.78	
Acid and soda.....	15.84	
Horse shoeing.....	35.45	
Repairs to building.....	95.33	
Property purchased.....	231.77	
		<hr/>
		\$1,397.57

GENERAL DEPARTMENT EXPENSES.

Salaries	\$208,161.51	
Telephone	468.71	
Freight and express	351.44	
Printing and stationery	272.74	
Hose	9,047.38	
Horses	4,700.00	
Horse shoeing	134.25	
Running expenses	600.82	
Rent of lot	145.00	
Property purchased	15,002.09	
		\$238,886.95

STORE ROOM ACCOUNT.

Gaskets	\$19 50	
Brooms	56.00	
Lantern globes	9.75	
Lamp chimneys	12 30	
Whips	39.50	
Waste	122 57	
Oils	14.75	
Horse pails	5.00	
Lanterns	16.67	
Matches	23.15	
Supplies	485.77	
		\$804.06

VETERINARY DEPARTMENT.

Forage	\$1,048 32	
Fuel	53.88	
Drugs	143.62	
Horse shoeing	68.75	
Scavenger work	8.00	
Pasturing	5.00	
Soft soap .....	.60	
Repairs to building	51.55	
Property	84.68	
		\$1,464.40

REPAIR SHOP ACCOUNT.

Fuel	\$392.45	
Light	6.82	
Oil and waste	53.25	
Ice	28.60	
Material for use	3,668 99	
Water tank	16.20	
Repairs to building	13.87	
Property purchased	84.78	
		\$4,264.96

FIRE ALARM TELEGRAPH.

Poles	\$476.50	
Okonite copper wire	77.08	
B. B. wire	355.08	
Hardware	72.30	
Translators and brackets	41.79	
Cross arms and pins	221.05	
Magnets	19.36	
Reels	43.25	
Horse shoeing	17.00	
Battery supplies	726.76	
Property purchased	944.51	
		\$2,996.68

HORSESHOEING ACCOUNT.

Material	\$47.88	
Nails	45.20	
Shoes	59.15	
Vice	5.50	
Anvil	18.20	
Rasps	18.85	
Blower	11.50	
Apron	1.00	
		\$207.28

STATEMENT OF EXPENDITURES BY MONTHS, 1891.

	Salaries.	Running Expenses.
January.....	\$17,491.56	\$4,303.35
February.....	17,827.98	2,888.76
March.....	18,107.39	4,294.96
April.....	18,217.27	20,411.29
May.....	18,115.44	4,647.21
June.....	18,650.95	5,676.20
July.....	18,723.86	3,063.49
August.....	18,641.89	2,232.79
September.....	18,650.01	2,250.43
October.....	19,352.38	3,758.11
November.....	19,228.81	7,062.21
December.....	5,145.00	3,010.56
	<hr/>	<hr/>
	\$208,161.54	\$65,969.36

Total Expenditures.

Salaries.....	\$208,161.54
Other expenses.....	65,969.36
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	\$274,130.90

Recapitulation.

Engine Co. No. 1.....	\$1,072.26
Engine Co. No. 2.....	465.22
Engine Co. No. 3 and Chemical No. 1.....	1,475.00
H. & L. No. 1, Hose No. 3 and Supply No. 1.....	1,772.76
Engine Co. and Truck Co. No. 4.....	1,912.68
Engine Co. No. 5 and Truck No. 3.....	2,062.10
Engine Co. No. 6 and Fuel Wagon No. 1.....	1,271.66
Engine Co. No. 7 and Fuel Wagon No. 3.....	1,352.49
Engine Co. No. 8, Truck No. 5 and Chemical No. 2.....	2,096.52
Engine Co. No. 9 and Fuel Wagon No. 2.....	1,405.26
Engine Co. No. 10 and water tower.....	1,588.50
Engine Co. No. 11, Truck No. 2, Chemical No. 3 and Fuel Wagon No. 4.....	2,155.00
Engine Co. No. 12.....	931.58
Engine Co. No. 13 and Chemical No. 5.....	885.01
Engine Co. No. 14 and Chemical No. 4.....	1,376.81
Engine Co. No. 15 and Chemical No. 6.....	1,083.26
Engine Co. No. 16.....	1,200.99
Engine Co. No. 17 and Chemical No. 7.....	1,397.57
General department.....	238,886.95
Store room.....	804.96
Veterinary department.....	1,464.40
Repair shop.....	4,264.96
Fire alarm telegraph.....	2,996.68
Horseshoeing account.....	207.28
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	\$274,130.90

PROPERTY PURCHASED.

7 aprons, blacksmith..	\$ 1.88
3 axes, hand..	2.25
1 anvil ..	18.20
1 bucket, iron.....	.90
5 boxes, fire alarm wheels and plates ..	753.00
3 bits, extension.....	4.75
9 gross buttons, M. F. D.....	56.25
10 books, order and journal.....	23.00
3 books, record	43.04
1 blower.....	11.50
12 blades, for knife.....	1.25
52 badges.....	69.00
14 blankets, horse.....	51.30
12 blankets, bed	45.00
12 bedsteads	78.00
1 basket, bushel.....	.20
1 barrow, wheel.....	3.25
17 collars, horse.....	44.00
4 cans, oil, one gallon.....	.85
1 cup, drinking .....	.28
102 coats, rubber.....	345.00
5 cans, two gallon	3.70
4 yards canvass, awning.....	3.40
1 cup, oil for cylinder	7.25
2 cans, oil.....	3.00
2 desks.....	34.00
Electric light fixtures, six houses.....	320.88
2 engines, fire.....	8,700.00

1 expander for tubes.....	85.00
2 extinguishers, Babcock.....	80.00
4 funnels.....	.47
1 fork, hay.....	.35
4 flags, U. S.....	35.25
3 pair forceps.....	3.75
24 floats and teeth files.....	8.80
1 glue pot.....	.60
1 guage, wire.....	3.50
1 guage, steam.....	5.00
1 gate, molassess.....	.85
1 heater, connection.....	43.00
1 heater.....	70.00
4 hammers, machine.....	3.20
23 horses.....	4,700.00
3 heaters, Paragon.....	450.00
1 hammer, sledge.....	.90
63 hats, fireman.....	315.70
20 feet hose, ½ inch, steam.....	2.40
420 feet hose, ¾ inch.....	64.50
1,500 feet hose, 1 inch chemical.....	591.95
7,050 feet hose, 2½ inch rubber....	6,579.00
2,000 feet hose, 2½ inch cotton.....	1,279.75
240 feet hose, 3½ inch.....	351.50
44 feet hose, 4½ inch.....	158.40
6 holders, shades.....	.60
50 keys, fire alarm boxes.....	12.50
4 knives, draw.....	5.50
1 ladder, 65 feet.....	192.50
1 ladder, 30 feet.....	37.50
7 lanterns.....	10.08
2 lamps.....	4.40
2 measures, one gallon.....	.50
58 mattresses, wool.....	88.38
23 microphones.....	69.00
6 magnets.....	15.00
2 mats.....	5.75
3 nozzles and holders, Eastman.....	94.50
1 nozzles, distributing.....	140.00
2 nozzles and holders, deluge.....	80.00
11 nozzles, shut off.....	235.00
55 oilers.....	9.40
2 oil stone.....	1.50
1 planer and bit.....	.75
1 pitchers, acid.....	1.35
10 pillows, feather.....	10.40
2 pair protectors, horse.....	13.60
2 pans, dust.....	.35
2 pair plyers.....	2.90
1 punch, harness.....	1.50
4 runners.....	2.45
1 dozen reducers, Wright's.....	26.00
3 pounds rope, ¾ inch.....	.38
12½ pounds rope, 7-16 inch.....	1.75
1 robe, lap.....	7.50
3 screw drivers.....	1.50
1 switch board.....	65.00
7 pair springs, Mogul.....	43.72
12 pair springs, bed.....	39.96
1 stove.....	11.00
1 saw, buck.....	.65
1 sprinkler.....	1.70
2 shovels, scoop.....	2.40
1 pair stirrups.....	1.25
12 surcingles.....	5.60
1 set stamp and figures.....	5.25
1 scraper.....	3.60
1 saw set.....	.75
1 table.....	1.25
23 telephones, instruments.....	253.00
1 typewriter.....	92.00
1 tower, water.....	4,500.00
1 tape, linen, 100 feet.....	4.00
20 feet ½ inch tubing.....	2.40
1 valve, relief.....	75.24
1 tank, oil, 50 gallon.....	5.00
5 wrenches, monkey.....	4.25
2 wagons, exercising..	110.00
2 whips.....	3.50
	<hr/>
	\$31,905.12

EXHIBIT C.
Number of Alarms Attended by Each Apparatus.

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Steamer No	1	26	16	13	11	18	11	15	10	15	15	22	15	186
	2													
	3	23	17	14	15	19	16	21	10	16	15	18	9	193
	4	12	8	8	9	24	9	10	8	10	11	13	9	140
	5	11	8	7	10	18	5	13	9	17	16	17	11	142
	6	14	12	12	7	18	11	15	13	14	14	20	10	182
	7	8	5	5	5	15	4	12	9	13	10	9	10	105
	8	6	5	5	5	8	7	9	7	9	6	5	2	72
	9	4	5	4	4	11	4	9	5	6	6	7	2	69
	10	14	11	8	9	14	11	15	10	14	13	14	10	142
	11	4	7	7	7	18	6	12	7	11	9	16	8	113
	12		9	4	7	10	5	14	4	11	8	9	4	80
	13													
	14	5	4	6	3	12	7	7	5	11	4	7	6	76
	15													
	16	3	3	2	1	7	2	3	5	5	4	4	1	40
	17													
Hose No	1	26	16	12	11	18	11	15	10	15	14	22	15	186
	2	2	11	5	9	17	5	9	2	9	6	12	5	96
	3	25	18	16	15	24	17	21	12	19	14	17	12	210
	4	13	8	9	8	23	8	10	10	19	12	15	9	144
	5	14	12	8	10	18	6	14	11	18	16	18	13	158
	6	15	11	12	9	16	11	19	12	13	12	20	20	162
	7	9	6	6	5	17	4	12	9	12	10	9	10	100
	8	6	8	4	6	8	7	10	7	11	7	5	2	81
	9	4	6	4	4	12	5	9	5	8	6	8	3	77
	10	15	12	9	9	16	11	15	11	14	13	14	9	148
	11	5	12	9	8	17	6	13	7	11	9	17	3	116
	12	1	10	4	9	10	3	11	3	11	7	8	4	81
	13	9	3	4	4	13	5	13	10	10	7	7	9	97
	14	4	4	5	4	12	4	7	5	11	4	7	6	73
	15	3	3	3	3	6	1	5	1	6	3	3		42
	16	3	3	3	2	8	2	3	5	5	4	3	2	41
	17	7	3	2	5	10	2	4	2	6	2	3	1	47
H & L No	1	20	15	15	13	20	14	23	13	13	13	18	9	186
	2	17	16	12	15	16	6	14	5	10	7	13	2	153
	3	12	9	4	8	23	10	10	14	18	17	20	16	180
	4	7	7	10	8	19	9	8	9	10	8	11	9	111
	5	5	6	6	5	8	6	12	8	9	5	5	4	87
Chem'l No.	1	26	17	16	17	31	16	32	18	23	18	26	12	292
	2	5	8	4	5	6	6	9	6	7	6	5	4	72
	3	2	10	5	1	8	6	10	7	5	8	14	5	82
	4	6	5	5	3	13	5	7	5	10	6	7	6	78
	5	7	6	4	4	13	8	12	8	9	10	5	9	90
Supply No.	1	25	17	19	17	25	14	26	17	14	17	23	18	222
	2													
	3													
Water Tower														
F.W.R.No.														
1		2	2		1	2		2			1	1		11
2														1
3						1		3	1	1		1		7

Number of Blocks Run by Each Apparatus.

	January.	February	March.	April	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Ste'm'r No. 1	217	126	87	119	261	96	133	78	110	148	176	171	1,720
2	98	90	85	108	180	102	116	48	156	140	191	80	1,290
3	143	100	93	146	220	120	99	94	292	140	168	68	1,693
4	86	82	111	174	354	25	154	84	191	171	164	99	1,600
5	144	120	114	64	275	103	202	172	180	234	199	108	1,936
6	118	70	110	90	224	37	141	113	147	111	133	126	1,220
7	76	86	26	85	218	153	151	123	181	85	88	14	1,206
8	49	60	40	24	185	20	96	48	101	100	120	41	909
9	154	123	81	37	200	140	226	104	253	235	187	113	1,932
10	21	122	75	74	217	74	134	86	139	113	206	79	1,707
11	113	74	88	168	76	201	44	102	140	148	62	1,304	
12	57	44	72	29	106	133	119	56	237	31	108	48	1,099
13	40	32	34	9	155	27	46	105	92	51	51	13	665
14	227	135	87	116	265	96	150	76	110	139	176	171	1,751
15	37	103	82	132	184	76	118	50	125	117	140	50	1,304
Hose No. 1	106	140	136	141	275	147	304	82	208	183	138	119	1,804
2	158	103	105	133	251	113	180	150	294	152	163	68	1,900
3	140	129	129	176	416	39	172	122	201	171	181	122	1,897
4	178	131	114	102	208	103	214	141	189	108	199	106	1,935
5	128	82	123	90	240	37	141	113	174	111	153	126	1,559
6	72	108	61	130	218	153	174	133	285	117	88	14	1,622
7	49	120	46	41	185	30	96	48	168	79	120	41	1,032
8	185	165	110	164	370	140	238	106	331	235	187	99	2,204
9	44	110	90	87	108	75	136	87	138	112	214	32	1,318
10	37	124	76	106	100	42	170	30	192	122	152	52	1,262
11	154	50	72	164	337	130	188	144	197	71	122	145	1,790
12	80	88	72	62	162	65	119	55	237	31	108	48	1,076
13	115	43	62	184	6	99	21	106	95	51	83	16	770
14	33	32	10	27	160	27	49	103	95	51	51	28	662
15	85	69	48	108	306	38	67	54	161	77	93	10	1,121
16	130	103	131	118	213	92	227	103	121	165	149	101	1,650
17	180	182	157	185	191	75	175	67	127	83	147	25	1,506
18	109	97	33	114	303	112	222	164	181	166	221	197	2,000
19	77	96	143	107	180	116	147	139	149	96	134	56	1,439
20	100	158	158	200	220	101	235	162	160	58	93	71	1,723
Chem. No. 1	151	88	113	110	227	109	313	178	254	198	224	120	2,085
2	55	156	68	88	187	101	131	106	121	83	88	48	1,234
3	7	94	62	9	106	75	125	106	61	99	174	84	1,001
4	80	83	69	30	204	66	116	50	178	46	119	63	1,104
5	104	124	69	80	269	46	176	95	307	123	90	126	1,519
6	1	60	7	25	197	6	6	112	12	12	40	125	501
7	40	8	...	73	200	38	53	76	341	77	96	18	912
Supply No. 1	196	150	182	170	262	104	284	190	180	218	222	206	2,443
W. Tower	...	...	...	...	...	95	88	83	105	127	123	52	673
Fuel W. No. 1	...	29	72	30	103	...	65	...	...	23	10	...	841
2	...	...	...	...	20	...	...	...	...	...	...	...	28
3	...	...	...	...	41	...	55	53	42	...	43	...	336
Monthly Totals	4,173	4,340	3,576	4,276	6,833	3,592	6,778	4,376	7,764	5,316	6,290	3,462	64,014

Number of Feet Hose Used.

	January	February	March.	April.	May	June	July.	August.	September.	October	November.	December	Totals.
Hose No. 1	0,050	5,600	2,300	3,250	8,250	2,200	4,250	2,500	3,250	3,050	5,350	2,000	46,150
2	300	12,800	1,750	1,650	12,250	1,350	1,350	300	3,450	2,050	4,850	400	28,400
3	4,050	4,000	3,450	2,300	2,700	1,050	2,450	1,650	6,000	4,350	4,400	2,350	43,200
4	2,250	12,700	2,950	2,300	2,050	2,950	2,200	3,100	4,650	4,100	5,200	1,300	40,600
5	3,000	4,600	1,250	2,150	7,300	2,050	5,000	3,150	4,200	4,850	5,100	2,300	44,450
6	2,950	3,750	3,950	750	8,550	1,350	4,600	3,350	3,150	3,050	2,150	1,750	40,500
7	1,400	1,450	650	2,000	2,000	1,150	2,150	1,700	2,000	3,050	2,450	1,850	23,350
8	2,400	1,800	900	1,750	4,350	1,050	1,300	2,500	2,700	2,375	1,700	.....	23,425
9	350	3,900	1,200	2,000	6,550	1,450	3,150	1,100	4,150	1,850	4,200	.....	30,400
10	1,650	2,250	2,450	3,050	3,250	800	4,150	3,550	3,000	3,550	3,050	1,650	36,600
11	600	2,750	3,000	1,350	5,750	1,250	4,900	1,100	2,100	2,250	4,300	.....	31,250
12	3,400	1,950	3,050	6,550	.....	.....	5,150	300	5,400	1,700	4,100	.....	32,500
13	2,400	1,100	2,550	3,650	350	1,450	3,650	2,950	2,350	2,150	2,800	.....	27,600
14	1,200	850	1,850	4,800	2,700	1,800	2,350	2,500	2,100	3,150	750	.....	24,800
15	2,600	800	1,850	1,650	.....	.....	850	2,800	900	750	.....	.....	14,200
16	150	1,000	800	3,100	.....	.....	1,850	2,000	2,200	2,100	850	.....	14,650
17	1,450	1,300	550	1,100	2,050	.....	350	1,100	.....	800	850	.....	9,350
Monthly Total..	30,200	53,600	28,250	34,100	88,900	21,700	51,050	33,400	56,900	43,975	55,900	17,150	511,925

Chemicals, Ladders and Rubber Covers.

MONTH.	Large Chemicals						Small Chem'ls					Ladders Raised					Total feet Ladders.	Covers, Supply Wagon No. 1.	
	Chemical No. 1	Chemical No. 2	Chemical No. 3.	Chemical No. 4	Chemical No. 5.	Chemical No. 6.	Hook & Ladder No. 1	Hook & Ladder No. 2.	Hook & Ladder No. 3	Hook & Ladder No. 4	Hook & Ladder No. 5	Gallons Chemicals	Hook & Ladder No. 1.	Hook & Ladder No. 2.	Hook & Ladder No. 3.	Hook & Ladder No. 4			Hook & Ladder No. 5.
January	18	1	12	4	1	1	4	11	6	6	1	4	1,040	463	102	113	48	121	846
February	12	6	12	4	1	1	1	14	13	12	1	1	4,083	640	443	132	121	220	1,585
March ..	2	3	12	3	1	1	1	7	4	6	5	5	972	350	142	32	190	110	842
April	12	3	12	4	1	1	1	11	6	5	5	5	2,064	307	246	231	94	225	1,003
May	17	2	6	10	3	2	4	12	5	7	12	13	3,535	78	107	336	164	345	1,160
June	3	3	3	3	3	3	3	5	5	5	5	5	506	120	65	270	71	520	520
July	13	3	3	3	3	3	3	9	9	13	7	4	2,918	308	312	385	117	304	1,986
August	12	3	3	3	3	3	3	7	7	7	7	7	1,474	140	110	110	190	390	770
September.	16	3	3	3	3	3	3	6	6	11	8	8	2,732	155	315	320	160	815	1,055
October	15	3	3	3	3	3	3	8	8	8	8	8	1,397	470	15	240	330	195	1,250
November	18	3	3	3	3	3	3	15	1	19	5	5	2,478	580	275	420	360	76	1,710
December	8	1	1	6	1	1	1	3	3	30	3	3	1,280	120	..	210	55	65	450
Totals..	132	28	39	53	52	10	24	106	41	129	53	50	23,688	3,720	2,312	2,780	1,869	2,034	13,463

Number of Hours' Service by Each Apparatus.

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Steamer No 1	22:00	31:15	11:25	9:30	34:00	8:25	13:10	7:35	25:10	19:15	25:30	10:15	219:30
Steamer No 2	17:00	29:30	9:40	12:40	25:50	8:35	12:20	9:55	16:40	12:05	27:10	6:55	4:38:10
Steamer No 3	1:45	21:15	6:40	6:45	24:30	6:45	8:20	11:00	10:10	11:40	19:35	2:00	288:40
Steamer No 4	6:45	22:45	6:15	6:40	28:40	4:00	8:00	15:15	18:40	11:45	15:25	5:40	189:15
Steamer No 5	5:55	24:10	6:40	3:00	23:45	7:25	12:05	6:05	12:35	19:00	17:55	5:45	115:55
Steamer No 6	5:10	13:00	4:15	5:10	19:25	7:00	9:45	8:15	15:05	18:00	12:10	4:45	114:25
Steamer No 8	6:00	16:30	9:00	6:45	39:10	4:10	6:35	3:10	22:10	9:10	21:00	1:15	118:30
Steamer No 9	3:20	8:10	2:30	19:50	27:10	5:45	13:30	11:15	14:00	13:15	21:55	5:40	158:15
Steamer No 11	7:45	20:10	5:10	8:25	24:05	3:15	9:45	4:15	12:40	9:55	23:50	2:15	192:40
Steamer No 12	1:25	17:40	4:45	9:10	24:05	3:15	13:15	4:15	12:40	9:55	23:50	2:15	192:40
Steamer No 13	1:45	27:30	7:25	12:05	34:45	5:30	13:15	1:50	10:15	14:00	30:05	2:00	159:45
Steamer No 14	2:20	4:15	4:50	1:30	35:35	40:30	5:30	4:25	17:10	19:00	17:45	2:35	150:15
Steamer No 15	1:00	12:40	1:25	3:10	18:50	1:35	5:25	7:40	10:55	15:30	9:10	08:35	185:15
Steamer No 16	23:15	23:45	11:30	13:35	30:30	1:10	2:40	7:10	14:30	4:40	7:05	08:35	332:40
Hose No 1	1:45	13:05	5:45	10:45	42:25	8:40	14:10	6:50	35:10	18:45	25:30	10:15	234:15
Hose No 2	13:20	30:10	10:45	13:10	35:55	5:15	8:00	1:30	17:40	24:50	30:10	2:10	380:05
Hose No 3	9:00	22:00	7:45	6:40	32:45	7:15	9:00	12:25	16:40	17:30	28:45	6:35	308:50
Hose No 4	9:25	21:10	8:45	10:30	28:40	5:15	11:15	10:40	31:15	27:45	30:50	3:00	303:30
Hose No 5	10:25	24:40	8:40	4:45	25:30	5:10	12:05	8:05	18:25	14:00	21:35	7:05	302:50
Hose No 6	5:55	15:20	4:15	5:10	22:25	3:25	9:55	6:05	17:30	10:15	18:20	4:45	192:10
Hose No 7	6:15	12:35	3:40	6:40	17:25	3:25	7:50	10:00	15:05	8:00	15:55	7:50	121:45
Hose No 8	3:20	10:15	7:30	10:40	46:30	6:45	7:50	10:00	15:05	17:40	11:50	4:45	116:10
Hose No 9	8:15	24:55	6:55	12:30	31:35	3:55	6:35	1:10	22:40	5:35	21:35	1:15	146:40
Hose No 10	8:45	24:55	5:30	12:30	38:15	3:35	14:10	17:35	11:50	15:20	21:35	5:15	181:40
Hose No 11	2:05	26:45	7:25	12:35	33:45	3:35	19:40	4:15	12:40	14:50	28:40	5:15	181:40
Hose No 12	4:45	15:30	3:00	9:30	33:45	2:40	11:25	1:10	22:15	24:10	24:10	1:05	154:15
Hose No 13	8:45	26:45	7:25	12:35	33:45	3:35	19:40	4:15	12:40	14:50	28:40	5:15	181:40
Hose No 14	4:15	15:30	3:00	9:30	33:45	2:40	11:25	1:10	22:15	24:10	24:10	1:05	154:15
Hose No 15	4:15	15:30	3:00	9:30	33:45	2:40	11:25	1:10	22:15	24:10	24:10	1:05	154:15
Hose No 16	4:15	15:30	3:00	9:30	33:45	2:40	11:25	1:10	22:15	24:10	24:10	1:05	154:15
Hose No 17	1:30	15:40	2:15	3:45	26:50	1:55	6:25	7:40	10:55	13:40	12:45	1:15	103:25
Hook and Ladder No 1	5:45	15:40	2:15	3:45	26:50	1:55	6:25	7:40	10:55	13:40	12:45	1:15	103:25
Hook and Ladder No 2	17:00	31:20	2:55	13:20	25:15	1:10	2:40	7:15	9:30	11:15	7:40	4:10	199:00
Hook and Ladder No 3	13:30	31:20	10:10	22:00	23:00	7:40	17:05	14:50	13:55	11:15	28:50	4:10	199:00
Hook and Ladder No 4	9:30	21:45	1:40	6:30	23:20	4:40	10:15	2:50	14:15	0:55	20:50	2:55	155:55
Hook and Ladder No 5	3:45	10:15	11:15	6:00	31:00	7:00	8:30	10:15	27:00	27:00	31:50	3:00	169:40

Number of Hours' Service by Each Apparatus.—Continued.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Hook and Ladder No. 5.....	6:30	14:35	6:15	8:50	13:05	4:05	10:35	10:55	10:45	5:50	8:10	2:35	104 10
Chemical No. 1.....	20:55	21:30	13:05	12:10	27:45	9:05	25:20	14:10	14:50	12:55	26:30	10:45	209:00
Chemical No. 2.....	6:15	25:45	3:00	5:30	12:30	3:20	6:45	9:15	7:55	7:50	9:25	1:25	98:55
Chemical No. 3.....	3:50	12:30	4:35	8:00	13:15	3:45	11:40	4:45	6:20	6:05	15:25	5:40	95:50
Chemical No. 4.....	4:20	6:55	4:25	2:35	12:20	3:10	6:20	3:00	10:50	6:40	9:40	2:45	73:00
Chemical No. 5.....	5:05	8:15	2:45	5:00	16:00	2:25	9:35	4:30	12:50	6:45	8:20	7:00	88:30
Chemical No. 6.....	:10	17:05	:15	3:55	5:55	:20	1:00	.....	9:15	:45	5:50	4:00	49:10
Chemical No. 7.....	3:55	:55	.....	5:05	13:00	1:10	2:15	3:00	15:10	3:10	3:30	1:05	52:15
Chemical No. 8.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Supply No. 1.....	21:00	33:55	14:55	16:10	31:25	8:30	19:15	19:35	15:40	13:50	32:45	8:55	235:55
Water tower.....	.....	.....	.....	.....	.....	7:40	5:20	7:20	7:15	5:25	8:45	1:45	43:30
Fuel wagon No. 1.....	.....	16:30	2:30	2:00	2:15	.....	3:20	1:15	.....	.....	2:30	.....	30:20
Fuel wagon No. 2.....	.....	.....	.....	.....	2:15	.....	.....	.....	.....	.....	.....	.....	2:15
Fuel wagon No. 3.....	.....	.....	.....	.....	32:00	.....	2:45	4:55	1:25	.....	9:45	.....	50:50
Monthly total.....	320:35	822:55	261:25	368:45	1,134:20	257:00	441:00	339:25	718:50	566:20	1,223:30	369:55	6,824:00

Monthly Summary of Fire Service Performed.

MONTHS	Number of alarms	Blocks run	Hours worked.	Feet of ladders	Hose laid	CHEMICALS			Covers spread
						Large.	Small	Gallons	
January	57	4,173	320 35	844	30,200	31	27	1,940	13
February	54	4,349	822 55	1,545	53,000	41	64	3,004	9
March	45	3,576	241 25	842	28,250	15	31	972	14
April	45	4,276	388 45	1,003	44,100	28	27	2,064	8
May	56	9,853	1,134 23	1,140	86,800	48	48	3,535	2
June	47	3,592	257 00	836	21,700	10	18	706	6
July	67	8,779	441 00	1,486	51,050	30	39	2,048	4
August	48	4,376	339 25	770	31,400	22	19	1,474	...
September	71	7,784	718 50	1,665	55,900	41	37	2,702	...
October	50	5,316	586 20	1,250	43,975	19	18	1,287	...
November	80	6,209	1,223 30	1,710	55,800	35	45	2,478	...
December	43	4,662	684 00	450	17,150	18	26	1,390	...
Totals	682	64,014	6,824 00	13,463	511,025	338	370	23,588	56

EXHIBIT D.

Causes of Fires and Alarms.

Accidental	2	Overheated fireplace	1
Ashes in wood box	1	Overheated furnace	1
Boiler ruptured	1	Overheated boiler	1
Boys smoking	1	Overheated incubator	1
Brush, prairie and bog fires	12	Overheated oven	2
Carelessness	42	Overheated smokehouse	2
Chimney fires	40	Overheated stove	3
Children with matches	28	Overheated stovepipe	1
Cigar in wood box	1	Peat fire	1
Cigar stub	4	Quilt on stove	1
Cigarette stub	1	Rags on fire	1
Clothes too near stove	1	Rats with matches	9
Defective chimney	10	Railroad wreck	1
Defective fireplace	5	Red hot box	6
Defective flue	4	Red hot stove	36
Defective safe	3	Rekindled	8
Defective stovepipe	7	Rubbish	1
Defective smokestack	1	Sewer gassing in	4
Electric light wires	9	Shavings in boiler room	1
Electric motor	2	Smoking out insects	1
Explosion, gas	5	Smoke mistaken for fire	13
Explosion, gasoline	4	Steam mistaken for smoke	5
Explosion, lamp	24	Sparks from another fire	13
False alarm	35	Sparks from chimney	13
Fireworks	16	Sparks from forge	4
Foul chimney	2	Sparks from furnace	6
Gasoline stove	27	Sparks from locomotive	13
Grease on stove	1	Sparks from smokestack	23
Hot ashes	7	Sparks from stove	9
Incendiary	28	Sparks from steamer	1
Lamp upset	10	Soldering kettle	1
Lantern upset	4	Stove upset	2
Lightning	5	Spontaneous combustion	20
Lint slacking	1	Supposed incendiary	19
Manure	5	Tar kettle	1
Match dropped in kerosene	1	Test warms	2
Oil boiling over	1	Tramps	4
Oil stove	3	Thawing water pipe	1
Outside city limits	4	Too much wheat	1
Overheated bearing	1	Unknown	87
Overheated dry kiln	1	Wood box too near fire	3
Overheated dry room	1		

Buildings, how Occupied, etc.

Bakeries	5	Junk shop.....	1
Barns.....	44	Lumber yards.....	9
Barrel factory.....	1	Machine shops.....	1
Bicycle repair shop	1	Manure piles.....	5
Blacksmith shops	5	Meat markets.....	2
Bleach house	1	Millinery stores.....	1
Boarding houses.....	20	Offices	12
Boiler rooms.....	2	Office and dwelling.....	2
Boiler shop.....	1	Oil car.....	1
Boot and shoe factory	1	Oil houses	5
Boot and shoe stores.....	2	Opera house	1
Breweries.....	1	Outhouses.....	6
Bridges	2	Photograph galleries	1
Brush fires.....	11	Piano factories.....	1
Butcher shop.....	1	Paint factories	2
Carpenter shop.....	1	Paper mills	1
Churches	4	Pavilions.....	1
Cigar factories.....	1	Piers.....	1
Cigar stores.....	1	Planing mills.....	1
City hall	1	Platforms	1
Clothing stores.....	1	Power houses.....	2
Coal docks	3	Printing offices	2
Commission houses	1	Public halls.....	1
Confectionery stores.....	6	Restaurants	12
Cook house.....	1	Rubbish.....	4
Cooper shops.....	2	Round houses.....	1
Depots.....	2	Saloons	6
Drug stores.....	3	Sash and door mills	4
Dry goods stores.....	6	Saw dust piles.....	1
Dwellings.....	204	Saw mills.....	4
Dwelling and restaurant.....	1	Second hand stores.....	1
Dye works	2	Seminaries	1
Elevators	2	Shaving houses.....	3
Elevator and feed store	2	Sheds	17
Factories.....	2	Shoemaker shops.....	1
Factory and dwelling.....	1	Show case factories	2
Feed mills.....	3	Smoke houses.....	3
Feed stores	1	Storage.....	7
Flour mills.....	4	Stores.....	12
Furniture factories.....	5	Stores and offices	16
Gents' furnishing stores.....	3	Store and tenements.....	21
Glass store.....	1	Street cars	4
Grocery stores.....	4	Tanneries.....	1
Ham and egg stand	1	Tailor shops	5
Hardware store.....	1	Tenements	13
Hay stacks.....	1	Undertaker shops.....	1
Hotels.....	7	Upholstery shops.....	2
Iron foundries.....	2	Wood piles	3
Jewelry stores.....	3	Wood yards.....	8

Comparative Loss on Buildings, Etc.

	Number lost.	Slight.	Considerable	Total loss	Totals.
One story brick	7	2			9
One and one-half story brick		1			1
Two story brick	18	10	1		29
Two and one-half story	22				22
Three story brick	24	16	8		58
Four story brick	6	4	3	1	14
Five story brick	5	4	3	1	13
Six story brick	2	1			3
Seven story brick			1		1
Ten story brick	1				1
Twelve story brick	3				3
One story frame	44	21	3	7	75
One and one-half story frame	32	15	5	6	69
Two story frame	127	63	21	1	212
Two and one-half story frame	7	12	4		23
Three story frame	9	5	1		15
Four story frame	1		1		2
Six story frame				1	1
Two story stone	2		1		3
Three story stone	4		1		5
Four story stone	2	1			3
Five story stone	4	1			5
Six story stone	4				4
Seven story stone	1				1
Twelve story stone	2	1			3
One story veneer	1				1
One and one-half story veneer	1				1
Two story veneer	1	3			4
Two and one-half story veneer	1	1	1		3
Three story veneer	5	1			6
Bridges	2				2
Brush fires, etc.	12				12
Chimney fires	13				13
False alarms	24				24
Ham and egg stand	1				1
Hay stacks				1	1
Lumber yards	4	5	1		10
Manure piles	5				5
Outside city limits			4		4
Piers	1				1
Platforms	1				1
Railroad wrecks	1				1
Rekindled	17				17
Rubbish	6				6
Sewer cave-in	1				1
Street cars	6				6
Tank of crude oil				1	1
Test alarms	1				1
Wood yards	6		1		7
Total					682

Company Hitching.

COMPANY.	Time to hitch apparatus by company	Time to hitch apparatus, men and horses on floor.	Time to hitch apparatus, men in bed	Distance from stall traveled by horses	Remarks
Engine Co. No. 1 . . .	11 seconds.	7 $\frac{1}{2}$ seconds	16 seconds	52 feet	3 horses
Engine Co. No. 3	16 seconds	7 $\frac{1}{2}$ seconds	No time	37 feet	3 horses
Engine Co. No. 4 . . .	15 $\frac{1}{2}$ seconds	8 seconds	20 seconds	38 feet	4 horses
Engine Co. No. 5 . . .	14 seconds	2 seconds	15 $\frac{1}{2}$ seconds	39 feet	4 horses
Engine Co. No. 6 . . .	10 seconds	5 seconds	13 seconds	46 feet	4 horses
Engine Co. No. 7 . . .	11 seconds.	5 $\frac{1}{2}$ seconds	15 seconds	47 feet	4 horses
Engine Co. No. 8 . . .	10 seconds	4 seconds	12 seconds	47 feet	4 horses
Engine Co. No. 9	15 seconds	6 $\frac{1}{2}$ seconds	14 $\frac{1}{2}$ seconds	45 feet	4 horses
Engine Co. No. 10 . . .	10 seconds	5 seconds	15 seconds	40 feet	4 horses
Engine Co. No. 11 . . .	14 seconds	8 seconds	15 seconds	39 feet	4 horses
Engine Co. No. 12 . . .	17 seconds	8 seconds	25 seconds	38 feet	3 horses
Engine Co. No. 14 . . .	15 seconds	6 seconds	15 $\frac{1}{2}$ seconds	42 feet	3 horses
Hose Co. No. 1 . . .	6 seconds	2 seconds	12 seconds	57 feet	2 horses
Hose Co. No. 2	17 $\frac{1}{2}$ seconds	5 $\frac{1}{2}$ seconds	11 seconds	42 feet	2 horses
Hose Co. No. 3 . . .	10 seconds	2 $\frac{1}{2}$ seconds	10 seconds	27 feet	2 horses
Hose Co. No. 4	8 seconds	3 seconds	11 seconds	64 feet	2 horses
Hose Co. No. 5 . . .	9 seconds	2 $\frac{1}{2}$ seconds	9 seconds	52 feet	2 horses
Hose Co. No. 6	13 seconds	3 seconds	No time	51 feet	2 horses
Hose Co. No. 7	10 seconds	4 $\frac{1}{2}$ seconds	11 seconds	48 feet	2 horses
Hose Co. No. 8	11 seconds	5 seconds	10 seconds	63 feet	2 horses
Hose Co. No. 9	10 seconds	5 seconds	14 $\frac{1}{2}$ seconds	58 feet	2 horses
Hose Co. No. 10 . . .	9 seconds	2 seconds	10 seconds	50 feet	2 horses
Hose Co. No. 11 . . .	13 seconds	4 seconds	14 seconds	36 feet	2 horses
Hose Co. No. 12 . . .	22 seconds	5 seconds	15 seconds	31 feet	2 horses
Hose Co. No. 13 . . .	10 seconds	1 seconds	10 seconds	32 feet	2 horses
Hose Co. No. 14 . . .	9 seconds	4 seconds	15 $\frac{1}{2}$ seconds	13 feet	2 horses
Hose Co. No. 17 . . .	7 seconds	4 seconds	No time	28 feet	2 horses
Hook and Ladder No. 1	18 seconds	5 $\frac{1}{2}$ seconds	20 seconds	55 feet	4 horses
Hook and Ladder No. 2	8 seconds	3 seconds	10 seconds	52 feet	2 horses
Hook and Ladder No. 3	10 seconds	2 $\frac{1}{2}$ seconds	10 seconds	52 feet	4 horses
Hook and Ladder No. 4	11 seconds	3 seconds	11 seconds	57 feet	2 horses
Hook and Ladder No. 5	8 seconds	2 $\frac{1}{2}$ seconds	0 seconds	60 feet	2 horses
Supply No. 1	10 seconds	2 $\frac{1}{2}$ seconds	11 seconds	52 feet	2 horses
Chemical No. 1	14 seconds	2 $\frac{1}{2}$ seconds	No time	66 feet	2 horses
Chemical No. 2	8 seconds	3 seconds	11 seconds	48 feet	2 horses
Chemical No. 3	10 seconds	5 seconds	12 seconds	33 feet	2 horses
Chemical No. 4	8 seconds	4 seconds	0 seconds	20 feet	2 horses
Chemical No. 5	No time	2 $\frac{1}{2}$ seconds	11 seconds	32 feet	2 horses

CHIEF ENGINEER OF FIRE DEPARTMENT REPORT

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JANUARY, 1911

Day.	Time of day.	Location	Class of building.	Owner	Occupant	Use	Cause.	Total loss.	Total insurance.
1	1:15 a.m.	428 Nicolet av.	3 story brick	.....	Hach & Griffin	Sporting goods	Chimney burn'g out	.....	.....
1	8:00 p.m.	3349 Nicolet av NE	1 story frame	H H Sudth.	Mr. Louleman	Outhouse	Boys with matches	.....	.....
1	3:16 p.m.	2240 Central av SE	1 story frame	N W Globe Light Co	N W Globe Light Co	Store	Gasoline explosion	\$25 00	.....
2	5:50 p.m.	Dewick & Pleasant st SE	1 story frame	Whitten Burdeth & Young.	Numerous.....	Stores & offices	.....	.....	.....
3	4:51 a.m.	Hennepin av & 33 st.	5 story stone	.....	.....	.....	.....	.....	.....
5	7:55 a.m.	312 4th av N	2 story frame	Mrs L D Smith	Mrs S S Ellis	Dwelling	Chimney fire	627 50	156,250 00
5	9:45 a.m.	3150 Pleasant av	2 story frame	.....	.....	.....	Defective flue	.....	.....
5	4:00 p.m.	879 16th av S	2 story frame	H E Ladd	.....	Dwelling	Stove upset	.....	.....
5	9:46 p.m.	53 1 1/2 1st st	2 story frame	H E Ladd	.....	Dwelling	Red hot stove	96 70	1,500 00
5	9:46 p.m.	53 1 1/2 1st st	2 story frame	H E Ladd	.....	Dwelling	Red hot stove	.....	.....
6	5:25 a.m.	217 5th av SE	2 story frame	Mrs Kinney	Mrs Kinney	Dwelling	Quilting stove	.....	.....
6	5:25 a.m.	245 6th av S	2 story frame	Mrs Kinney	Mrs Kinney	Dwelling	Smoky stove	.....	.....
7	1:43 p.m.	17 N 20 st	3 story veneer	Mrs Fisherly	Mrs Fisherly	Hotel	Chimney fire	.....	.....
7	7:30 a.m.	Cor Park av & 18th st	2 story frame	.....	.....	.....	Schmader-false	.....	.....
8	6:55 a.m.	403 6th av S	2 story frame	C E Vanderburg.	Page & Co	Store	Asbestos wooden box	100 00	8,000 00
11	1:35 a.m.	403 6th av S	2 story frame	C L Vinsall.	Jans Johnson	Tenement	Defective safe	125 00	2,500 00
12	7:40 p.m.	Emerson & 12th av N	2 story frame	.....	.....	.....	Schmader-false	.....	.....
13	5:50 p.m.	1362 4th st S	.....	.....	.....	.....	Chimney fire	.....	.....
14	5:08 a.m.	34 Washington av S	3 story brick	Best & Co	H. B Hart & Son	Stores & offices	Red hot stove	2,758 00	6,500 00
14	12:43 p.m.	C R Ry & 6th st N	2 story frame	.....	.....	.....	Defective safe	25 00	.....
14	12:43 p.m.	416 6th st S	2 story frame	Best & Co	Geo McGregor	Bx car potatoes	Red hot stove	.....	.....
14	5:46 a.m.	Rear 52 S 4th st	2 story frame	G T Wagner.	Bekan Bros	Store house	Lamp explosion	.....	.....
15	10:00 a.m.	207 14th av S	2 story frame	G N Berry	Gus Milander	Dwelling	Sparks from chimney	.....	.....
15	1:38 p.m.	208 Crystal Lake av	2 story frame	G N Berry	C P Murphy	Dwelling	Hot ashes	.....	.....
16	6:55 p.m.	223 4th st S	2 story frame	.....	.....	.....	Careless no flue stop	.....	.....
16	9:55 p.m.	230 Hennepin av	1 story frame	D Zimmermann	Unoccupied	Barn	Chimney fire	.....	.....
16	9:55 p.m.	173 1/2 6th st S	1 story frame	C C Brund	.....	Barn	Sm kenshkn for fire	25 00	.....
17	3:04 p.m.	313 Motor av	1 story frame	M H Kelly	.....	Barn	Hot ashes	60 00	.....
17	7:00 p.m.	4016 Chicago av	1 story frame	M O'Brien	.....	Barn	Unkown	235 00	1,300 00
18	2:45 p.m.	540 E 23d st	2 story frame	W A Barnes, Agt	.....	Barn	Boys with matches	130 00	.....
20	1:41 a.m.	190 3d st S	1 story frame	Mrs Kelly	Jay Smith	Dwelling	Supposed incendiary	25 00	75 00
20	1:41 a.m.	190 3d st S	2 story frame	Mrs Kelly	Mrs Kelly	Dwelling	Sparks from chimney	.....	.....
20	1:41 a.m.	190 3d st S	2 story frame	Mrs Kelly	Mrs Kelly	Dwelling	Gasoline stove	.....	.....
21	1:30 p.m.	James & 5th av N	3 story brick	H B Mahin	Meat market	Stores & offices	Spont combustion	200 00	62,300 00
21	1:30 p.m.	160 N 1st av N	3 story brick	H B Mahin	Meat market	Stores & offices	Spont combustion	116 00	1,750 00
21	12:05 p.m.	316 Washington av S	1 story brick	Jas Luckner	Mpls Bk Bk Bk Co	Stores & offices	Carbide gas	106 00	10,000 00
22	8:26 p.m.	247 Washington av S	1 story brick	Wm Luckner	James Kunze	Jewelry store	Rubbish	17 80 00	.....
22	8:26 p.m.	247 Washington av S	1 story brick	Wm Luckner	M W Wellstine	Jewelry store	Carbide gas	904 80	17,800 00
23	6:40 p.m.	Lake st & Stevens av	2 story frame	Peter Wolford	Gasoline Bodies	Public hall	Electric light wire	1,310 30	8,200 00
24	3:05 a.m.	65 Washington av S	4 story frame	Ed Ward Relief Assn	William Johnson	Drug & jewelry	Spont combustion	.....	.....
24	10:35 a.m.	65 Washington av S	4 story frame	C M Loring	William Johnson	Drug & jewelry	False mercantile	.....	.....
30	9:09 p.m.	2330 Park place SE	1 story frame	E G Walton, Agt	Unoccupied	Outhouse	Incendiary	15 00	.....
30	6:30 a.m.	2330 Park place SE	1 story frame	E G Walton, Agt	Unoccupied	Outhouse	False salamander	.....	.....

JANUARY 1891 Continued

Day	Time of day	Location	Class of building	Owner	Occupant	Use	Cause	Total loss.	Total insurance.
26	7:40 a.m.	Bank st. & R R SE	2-story frame	Century Piano Co	Century Piano Co	Petroleum tank	Carelessness, lantern	\$10.00	
26	9:05 a.m.	524 3d st N	2-story frame	I B Bernboldt	Mrs Fisher	Boarding house	Lamp explosion	11,516.02	\$44,500.00
27	7:29 a.m.	510 5th Wash av S	3-story brick	Nel Farnham	Agts	Dry goods store	Lamp upset by dog	1,245.00	29,000.00
27	7:37 p.m.	23 N 2d st	4-story brick	Phelps	Boyd & Co	Wholesale store	Spont combustion	5.00	100.00
28	5:50 p.m.	1025 S 3d st	2-story frame	Moore Bros	H C Aker	Store & dwelling	Hot ashes	60.00	
29	5:10 p.m.	2437 7th av S	2-story frame	H C Aker	H C Aker	Dwelling	Accidental	75.00	200.00
30	7:40 p.m.	160 2d av S	2-story frame	Cassaday & Co	Peterson & Johnson	Corn dive	Supposed incendiary	136.00	500.00
30	1:05 a.m.	211 2d av S	2-story frame	Dr Fitch	Jerome O'Neil	Store & dwelling	Incendiary	175.00	
30	4:14 a.m.	60 2d av S	2-story veneer	M F Collins	L M Hyon	Corn dive	Incendiary		10,000.00
30	6:10 a.m.	211 2d st S	2-story frame	Dr Ellnor	Fenipe O'Neil	show case factory	Unknown		
30	6:43 a.m.	418 4th av S	3-story brick	L Paulle	L Paulle	Unknown	Unknown		
31	6:25 p.m.	525 5th av S	2-story frame	H M Hicks	Unoccupied	Dwelling	False alarm	1,000.00	
31	7:50 p.m.	650 14th av S	2-story frame	C A Ranche	H C Peterson	grocery	Lamp falling	1,448.53	11,500.00

FEBRUARY 1891

Day	Time of day	Location	Class of building	Owner	Occupant	Use	Cause	Total loss.	Total insurance.
1	3:45 a.m.	110-112 2d av N	2-story frame	P B Winston	P B Winston	Dwelling	False mercurial		
2	12:10 p.m.	1020 Park av	2-story frame	P B Winston	P B Winston	Dwelling	Rats with matches	10.00	10,000.00
3	3:36 p.m.	111 5th st	2-story stone	C W Wells	Bunsquare & Co	Dwelling	Defective flue	50.00	200.00
3	4:09 p.m.	411 1st av S	1-story stone	Angelle Buella	Chas Webb	Chimney	Chimney		
3	6:15 p.m.	False alarm					False alarm		
4	12:38 a.m.	411 Hennepin av	2-story frame	H E Fletcher	M D Broderick	Store & Shops	Defective chimney	2,741.00	
4	12:35 a.m.	415 Hennepin av	2-story frame	J T Lucas	D H Gallagher	Store & Shops	From next above	1,000.00	
5	9:33 a.m.	420 4th av S	2-story frame	E S Orser	Kuopio Ch Frank	Dwelling	Sparks from stove	4,013.44	12,000.00
5	7:10 a.m.	1809 Park av	2-story frame	Emil Ferrant	Art Embert	Dwelling	Defective fire place	25.00	700.00
5	6:55 a.m.	257 3d av S	2-story brick	Emil Ferrant	O W Peterson	Dwelling	Carelessness		
5	7:36 p.m.	627 Main st NE	2-story brick	A Kenyon	O W Peterson	Dwelling	Chimney fire		
6	1:37 a.m.	401 4th av S	1-story frame	R H Newlin	John Jacobson	Coal & tail ship	Sparks from stove	425.00	1,100.00
6	12:34 a.m.	423 Central av	3-story brick	F G McMillan	H Leen	Restaurant	Sparks from stove	372.40	13,500.00
9	4:46 a.m.	423 Central av	3-story brick	F G McMillan	Mrs J E Desmond	Restaurant	Rekindled	1,100.00	1,800.00
11	1:10 a.m.	525 Washington av N	2-story frame	W M Russell	Ida Leberon	Store & dwelling	Unknown	10.00	
12	8:07 p.m.	805 Russell av N	2-story frame	Hugh Jennings	Hugh Jennings	Dwelling	Carelessness		
13	11:52 a.m.	Dist n st & 35th av SE	2-story frame	Chas Bros	E side of Mill Co	Planing mill	Carbide stoves		
13	8:08 p.m.	4 Central av	1-story frame	Chas Bros	Ann Thawfield	Confectionery store	Lamp explosion		
13	6:46 p.m.	422 1st av N	3-story frame	Gale & Co	J Smith	Tenement	Lamp explosion		
13	10:34 p.m.	922 Spring st NE	1-story frame	John Martin	John Martin	Barn	Incendiary	125.00	400.00

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6	7:07 p m	11th & 4th av & 27th st	3 story frame	Parker	Jas. Lofgren	Prarie fire	Prarie fire	300 00
7	7:03 a m	345 10th av S	1 story frame	Matthias Knobel	Mpls Brewing Co	Blacksmith	Unknown	5 00
8	10:48 p m	332 Marshall st N E	3 story brick	Peter Wolford	Geo W Wood	Sparks from forge	Sparks from forge	7,400 00
9	12:40 a m	246 Hennepin av	3 story brick		Mpls 3rd & 4th Co	Sparks from fire	Sparks from fire	14,000 00
10	12:40 a m	402 Madison st N E	1 1/2 story frame			False alarm	False alarm	
11	7:20 p m	338 Nicollet av rear				False alarm	False alarm	
12	5:03 a m	334 Nicollet av rear				Rekindled	Rekindled	
13	7:05 p m	Central av & 8th st				Rekindled	Rekindled	
14	12:01 a m	510 Fillmore st N E	2 1/2 story frame	Andrew Olson	Unoccupied	Rekindled	Rekindled	2,000 00
15	11:54 p m	317 18th av S				Dwelling	Dwelling	
16	11:34 p m	130 E Franklin av	2 1/2 story frame	P R Champion	P R Champion	Dwelling	Dwelling	1,500 00
17	1:35 a m	107 11th av S E	5 story brick	Century Piano Co	Century Piano Co	Piano factory	Piano factory	
18	6:48 a m	Main & Bank sts SE	4 story brick	B Cooper	Mpls Glass Co	Glass store	Glass store	12,250 00
19	12:05 p m	Hennepin av & 36th st	3 story brick	Miss M Henderson	Willard Coffee	Restaurant	Restaurant	
20	7:35 p m	Central av & 8th st	3 story brick	Fowler (agt)	Wm Embold	Rekindled	Rekindled	10 00
21	7:12 a m	200 Hennepin av	3 story brick	Mpls St Ry Co	Mpls St Ry Co	Rekindled	Rekindled	
22	6:16 p m	340 Hennepin av	1 story frame	Mrs Caldwell	L Kimball & Co	Rekindled	Rekindled	
23	0:40 a m	311 Pierce st SE	2 1/2 story frame	Julia M. Badwell	A Stromberg	Rekindled	Rekindled	1,000 00
24	4:43 p m	16 W 15th st				Rekindled	Rekindled	5,500 00
25	5:55 p m	1502 Wash. av S	2 story frame	Mobach	Mobach	Rekindled	Rekindled	
26	8:17 p m	2721 Portland av	3 story stone	H G Sidle	W W Thomas	Rekindled	Rekindled	2,550 00
27	8:40 p m	418 Nicollet av	1 story brick	Joannin Hanson & Co	Joannin Hanson & Co	Rekindled	Rekindled	4,065 15
28	10:15 p m	2721 Portland av	2 story frame	Chas Sandorf	Gus Mooney	Rekindled	Rekindled	
29	11:53 p m	Foot 17th av N	2 story frame	L Suerzan	L Suerzan	Rekindled	Rekindled	300 00
30	11:01 p m	331 Penn av	1 1/2 story frame	J Adams	Mrs M Lockhart	Rekindled	Rekindled	2,700 00
31	11:52 a m	Fremont & 27th av N	1 1/2 story frame	John Alberg	John Alberg	Rekindled	Rekindled	1,000 00
32	1:51 p m	3044 to 3046 Min'ha av	2 1/2 story frame	Nels Johnson	Nels Johnson	Rekindled	Rekindled	850 00
33	2:30 p m	2418 2nd av S	2 1/2 story frame	A F Dahlberg	A F Dahlberg	Rekindled	Rekindled	2,500 00
34	3:05 p m	407 9th av S	2 1/2 story frame	C E Vanderberg	C E Vanderberg	Rekindled	Rekindled	50 00
35	4:50 a m	325 3d av S	2 1/2 story frame	W D Van Norman	W D Van Norman	Rekindled	Rekindled	100 00
36	12:15 p m	Central av & 8th st	1 1/2 story frame	Jno C Glerison	Jno C Glerison	Rekindled	Rekindled	71.44
37	4:42 p m	307 Main st N E	2 story frame	F W Farnam	F W Farnam	Rekindled	Rekindled	27 00
38	5:07 p m	2513 23d av S	2 story frame	S W Farnam	S W Farnam	Rekindled	Rekindled	15 00
39	7:07 p m	726 2d av S	1 story frame	John C Wright	John C Wright	Rekindled	Rekindled	
40	4:42 p m	803 Cedar av	1 story frame	John C Wright	John C Wright	Rekindled	Rekindled	\$25.00
41	9:20 p m	32th av N and 3d st.				Rekindled	Rekindled	
42	9:47 p m	196 15th av S				Rekindled	Rekindled	

MAY 1891.—Continued

Day	Time of day	Location.	Class of building	Owner.	Occupant	Use.	Cause.	Total loss.	Total Ins.
21	5 52 a m	931 Minnehaha av	...	...	...	Dwelling...	Smoke mistaken for fire	...	\$3,500 00
22	3 08 p m	934 1st av SE	...	...	...	Pratic fire	...	...	...
23	3 25 p m	Lake st & 17th av S	...	...	...	Pratic fire	...	...	...
24	12 53 p m	938 7th av N	2 story frame	Mrs I. R. Clover	Ben Longley	Dwelling...	Sparks from chimney	23 00	1,500 00
25	3 45 p m	9th av and 1st st N.	Frame	...	...	Shed	Sparks from locomotive	...	...
26	3 10 p m	2 Main st NE	2 story frame	...	...	Shed	Smoke mistaken for fire	...	...
27	3 06 a m	124 Central av	...	...	...	Sawmill	...	...	...
28	3 46 a m	427 E 4th st	2 story frame	Mrs O. Hara	Mrs O. Hara	Boarding house	Chimney fire	26 00	...
29	3 47 p m	Foot 4th av NE	...	...	...	Sawdust pile	Defective pipe	...	...
30	3 47 p m	Lake st and Lake of the Isles	...	...	...	Grass on fire	Sparks from sink sink	...	...
31	4 20 p m	Erle av & RR track	...	...	...	Manure pile	...	...	...
32	7 45 a m	41 st and 1st av S	...	...	...	Manure pile	...	...	...
33	7 55 p m	25 12th st N	...	S. B. Love	...	Old Tribune bldg	Manure pile	...	...
34	9 10 a m	Plymouth av & river	1 story frame	H. W. Leighton	H. W. Leighton	Chimney	Chimney fire	5 00	42,500 00
35	10 17 a m	528 E Union av	...	...	...	Sawmill	Sparks from furnace	...	...
36	10 17 a m	407 6th av S	1 story frame	Mrs A. Livingston	E. Kerr	Manure pile	Manure pile	...	...
37	1 42 p m	602 Nicollet	2 story brick	A. C. Vandenburg	H. Kerr	Dye works	Boys with matches	8 35	1,250 00
38	4 30 p m	332 Plymouth av N	1 story frame	C. E. Popp	E. Popp	Restaurant	Over heated dry room	46 25	600 00
39	4 30 p m	20 st & 15th av NE	2 story veneer	P. C. Richardson	L. Bauder	Perf. & dwelling	Rats with matches	371 22	4,100 00
40	12 38 p m	1842 24th st N	...	...	G. W. Higgins & Co	Wood yard	Gasoline stove exp	...	...
41	8 32 p m	201 11th st NE	1 story frame	J. J. Corcoran	J. J. Corcoran	Shed	Inconduity	...	...
42	8 54 p m	45 E 4th st	2 story brick	J. J. Corcoran	Mrs H. L. McCall	Bar	Sparks from chimney	75 00	900 00
43	11 43 p m	629 Washington av S	2 story brick	Sullivan	O. Bell	Dye works	Lamp upset	123 30	3,600 00
44	6 25 a m	8th av NE and river	...	...	...	Dry goods store	Lamp upset	...	...
45	6 45 p m	432 Nicollet av	1 story frame	Buchue & Co	Bachus & Co	Restaurant	Rekindled	...	...
46	6 45 a m	432 Nicollet av	1 story frame	C. E. Popp	E. Popp	Restaurant	Sparks from sink sink	5 00	1,000 00
47	12 45 p m	4502 Lake st	2 story frame	Geo S. Merrill	E. Popp	Restaurant	Rekindled	46 25	1,000 00
48	2 37 p m	815 6th av S	2 story frame	C. Kulkoff	J. E. Krake	Dwelling	Def chimney	48 25	2,000 00
49	4 58 p m	14th av N and 6th st	...	...	...	Dwelling	Boys with matches	...	...
50	5 00 p m	6th between Nicollet and 1st av S	...	...	...	Rubbish	...	...	...
51	11 40 a m	32 Holden st	2 story frame	R. H. Newlon	Sam Aker	Grad op'n house	False mercurial	...	...
52	12 04 p m	207 Wash av N	2 story brick	J. C. Plant	E. C. Akins & Co	Stores, dw'gs	Off boiling over	...	...
53	2 30 p m	27 Nicollet av	3 story brick	O. M. Hall	E. C. Akins & Co	2d-hand store	Inconduity, clear	308 50	10,500 00
54	1 00 a m	416 Plymouth av	3 story brick	J. Loeber	Benison Tanning Co	Tailor shop	Gasoline stove	...	9,000 00
55	0 11 a m	102 Wash av S	3 story brick	J. Loeber	Oscar Kunze	Butcher shop	Spont combustion	475 00	2,500 00
56	10 01 a m	1st Division st & 2d av S	2 story brick	Church & Grover	Church & Grover	Tailor shop	Lamp upset	...	15,000 00
57	7 50 p m	513 Wash av N	2 story brick	Chandler & Grover	Church & Grover	Shaving house	Sparks from sink sink	50 00	6,000 00
58	11 07 a m	25th st bet 17 & 18 av S	...	...	N. Gumbel	Store	Accidents	227 50	9,000 00
59	...	...	...	...	...	Manure pile	Boy with matches	...	...

14	2:55 p m	Oak st. & Como av & 22d	E. S. Corner & Co	A. J. Anderson	Peat fire.	Test fire	450.00
15	3:05 p m	1st story frame	J. F. Wilcox	M. J. Wilcox	Dwelling	Charlestown	175.25
16	6:05 p m	2 story frame	M. J. Wilcox	M. J. Wilcox	Lumber yard	Sparks from stack	900.00
17	6:10 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	Cook house	Charlestown	5.00
18	7:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	Occupied	Rekindled	
19	7:40 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Sparks from stack.	
20	7:50 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
21	8:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
22	8:10 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
23	8:20 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
24	8:30 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
25	8:40 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
26	8:50 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
27	9:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
28	9:10 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
29	9:20 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
30	9:30 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
31	9:40 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
32	9:50 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
33	10:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
34	10:10 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
35	10:20 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
36	10:30 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
37	10:40 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
38	10:50 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
39	11:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
40	11:10 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
41	11:20 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
42	11:30 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
43	11:40 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
44	11:50 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
45	12:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
46	12:10 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
47	12:20 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
48	12:30 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
49	12:40 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
50	12:50 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
51	1:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
52	1:10 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
53	1:20 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
54	1:30 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
55	1:40 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
56	1:50 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
57	2:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
58	2:10 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
59	2:20 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
60	2:30 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
61	2:40 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
62	2:50 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
63	3:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
64	3:10 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
65	3:20 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
66	3:30 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
67	3:40 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
68	3:50 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	
69	4:00 p m	1 story frame	M. J. Wilcox	M. J. Wilcox	City of Minneapolis	Rekindled	

CHIEF ENGINEER FIRE DEPARTMENT REPORT.

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19.27 a m	32d st and Queen st.	1 story frame.	Akeley Lumber Co	Akeley Lumber Co	Pavilion	Rekindled
12.01 p m	56th av N and River	.....	Akeley Lumber Co	Akeley Lumber Co	Lumber yard	Sparks from stack	.....
1.30 p m	57th av N and River	.....	Akeley Lumber Co	Akeley Lumber Co	Out house	Sparks from stack	.....
2.10 p m	Rear 37 1st av N	.....	M R Redding	M R Redding	Dwelling	Hol ashes	.....
5.34 p m	412 3d av N E	.....	F R Yetka & Bros	F R Yetka & Bros	Store & offices	Sparks from stack.	.....
10.35 p m	427-429 Nicollet av	.....	T. F. Harropes	T. F. Harropes	Dwellings	Lightning	.....
10.36 p m	512 Plymouth av.	.....	Anderson & Co	Anderson & Co	Paper hanging	Lightning	.....
11.00 p m	32 S 4th st	.....	Mpls Street Ry Co	Mpls Street Ry Co	Street car	Cigarette stub	28.00
11.06 p m	Nicollet av and 23d st	.....	R S Goodfellow	R S Goodfellow	Store & offices	Lightning	1,500.00
2.40 a m	251 Nicollet av	.....	J A Rullars	J A Rullars	Stores & offices	Supposed incendiary	600.97
2.01 p m	427-429 Nicollet av	.....	Chas Bader	Chas Bader	Stores & offices	Electric motor	377.200.00
5.14 p m	250 Wash. ave N	.....	Albert Partridge	Albert Partridge	Lodging house	Sparks from stack.	.....
5.52 p m	425 Plymouth av	.....	Mpls Street Ry Co	Mpls Street Ry Co	Out house	Sparks from stack	.....
12.35 p m	3d av N and 2d st	.....	G. F. Warner	G. F. Warner	Dwellings, etc	Lightning.	.....
1.30 p m	32d st and 2d st	.....	G. F. Warner	G. F. Warner	Bakery	Lightning.	.....
7.30 p m	325-327 Nicollet av	.....	G. F. Warner	G. F. Warner	Bakery	Smoke mis't'n for fire	.....
JULY, 1891							
1	6.20 p m	407 5th av S	A C Vandenburg	Minn blank bk. Co	Store & dwelling	Unknown.	45
2	11.50 a m	125th st N	.....	.....	Gasoline stove	Gasoline stove	\$1,500.00
2	5.30 p m	6th av SE and 9th st	.....	.....	Rags on fire	False alarm	.....
2	11.07 p m	715 3d av N	.....	.....	False alarm	False alarm	.....
2	11.25 p m	1150 3d av N	.....	.....	False alarm	False alarm	.....
3	11.40 p m	Nicollet av & 5th st.	.....	.....	False alarm	False alarm	.....
3	7.00 p m	Grand Opera House	.....	.....	False alarm	False alarm	.....
4	12.30 a m	222 Washington av N	City of Minneapolis	Public	Viaduct	Sparks from locomotive	.....
4	8.45 a m	310 Newton av N	Stag Bros	R M Carter	Store	Fire works	200.00
4	8.45 a m	255 Nicollet av	R N Woollet	J K Orlison	Dwelling	Fire works	800.00
4	10.15 a m	699 10th av S	J Kerswell	J Kerswell	Dwelling	Fire works	1,000.00
4	1.05 p m	703 3d av NE	W Cartwright	W Cartwright	Dwelling	Fire works	7.50
4	2.13 p m	Rear 314 9th st SE	M Colwell	M Colwell	Barn	Fire works	10.00
4	3.06 p m	857 6th st S	Otto Laugen	Otto Laugen	Dwelling	Fire works	145.00
4	3.06 p m	147-49 Nicollet av	R Hulbert	R Hulbert	Hay stack	Fire works	27.25
4	6.22 p m	230 11th av N	J J Fretter	J J Fretter	Dwelling	Fire works	45.75
4	7.00 p m	1317-40 Nicollet av	R Hulbert	R Hulbert	Dwelling	Fire works	25.00
4	8.42 p m	395 Washington av	Q O Rurdick	Q O Rurdick	Dwelling	Fire works	1,200.00
4	12.13 p m	300 Cret av	Adam Cook	Adam Cook	Photo gallery	Fire works	18.98
5	12.13 p m	247 Hennepin	.....	.....	Restaurant	Fire works	533.40
5	12.44 a m	416 Monroe st NE	Thayer	Thayer	Dwelling	Fire works	70.16
6	12.15 p m	1445 Franklin av E	Jas. Blachy et al	Jas. Blachy et al	Dwelling	Fire works	2,150.00
8	12.25 p m	2310 E 24th st	F A Jackson	F A Jackson	Paper store and jewelry	Fire works	1,000.00
10	12.15 a m	Blaisdell & Franklin av	F A Jackson	F A Jackson	Dwelling	Unfinished	.....
10	12.18 a m	2381 15th av S	H L Robinson	H L Robinson	Dwelling	Unfinished	.....
10	11.45 a m	Main st & 2d av SE	Lockwood, Upton & Co	Lockwood, Upton & Co	Dwelling	Unfinished	.....
12	3.06 p m	.....	.....	.....	Gasoline stove	Gasoline stove	399.90
12	.....	.....	.....	.....	False mercurial	False mercurial	.....

JULY 1901.—Continued

Day.	Time of day.	Location	Class of building	Owner	Occupant.	Use.	Cause	Total loss.	Total insurance.
13	3 05 a m	1217 6th av N	2 story frame	Chas. A. Walt	James McEwen	Barn and store	Inventory	500 00	2,900 00
13	7 50 p m	1540 Penn av	2 story frame	Wm. S. Chittick	James McEwen	Barn next above	From next above	155 00	1,500 00
13	8 54 a m	2606 4th av S	2 story frame	Wm. S. Chittick	J. J. Perrell	Dwelling	Gasoline stove	.....	1,500 00
13	1 06 p m	15 W. Front st	2 story frame	M. King	W. H. Perrell	Dwelling	Gasoline stove	.....	.....
14	3 31 a m	1428 Marshall st NE	2 story frame	Ridell, Schroeder & Co	Ridell, Schroeder & Co	Feed mill	Carelessness	75 00	4,000 00
14	5 05 p m	216 Washington av N	2 story brick	.....	.....	Store etc.	Sparks from stack.	.....	.....
15	2 47 p m	223 1st av N	1 story frame	Mrs. Harrington	.....	Store etc.	Sparks from stack.	.....	.....
16	11 32 a m	2341 S 8th st.	1 story frame	Mrs. Harrington	M. Henson & G. H. Henson	Store etc.	Sparks from stack.	.....	.....
16	1 10 p m	9th av NE and River	4 story brick	E. W. Backus	E. W. Backus	Dwelling	Sparks from chimney	30 00	.....
17	12 05 a m	331 135 Hennepin av	4 story brick	Mpls. Trust Co	Dr. Brimley & Co	Stores & offices	Sparks from chimney	409 54	23,250 00
17	3 21 a m	331-333 Hennepin av	2 story brick	Mpls. Trust Co	Dr. Brimley & Co	Stores & offices	Rekindled	25 06	.....
17	1 35 a m	308 21st av S	2 story veneer	El. Shorn & Sons, agt	Con. Sorenson	Dwelling	Sparks from chimney	.....	.....
17	7 00 p m	636 6th av N	2 story frame	El. Hill	Mrs. Amos	Dwelling	Gasoline stove	23,728 28	235,000 00
17	8 15 p m	1st st and 5th av S	1 story brick	Christman Bros & Co	Christman Bros & Co	Barn	Sparks from stack	.....	.....
18	5 05 p m	129 16th av SE (rear)	1 story frame	F. E. Long	F. E. Long	Dwelling	Boy with matches	.....	.....
18	5 05 p m	129 16th av SE (rear)	2 story frame	F. E. Long	F. E. Long	Dwelling	From next above	250 00	.....
18	5 05 p m	131 16th av SE (rear)	1 story frame	Gen. C. Ripley	C. L. Shelly	Barn	From next above	600 00	2,400 00
18	5 05 p m	131 16th av SE	2 story frame	Gen. C. Ripley	C. L. Shelly	Dwelling	Sparks from stack	.....	.....
18	5 05 p m	6th av NE and River	1 story frame	E. W. Backus	E. W. Backus	Barn	Sparks from stack	.....	.....
19	3 40 p m	2524 Beaconington av	1 story frame	E. W. Backus	E. W. Backus	Barn	Boys with matches	.....	.....
20	9 11 a m	723 Portland av	1 story frame	J. H. Huntington	J. H. Huntington	Dwelling	Gasoline stove	.....	.....
20	11 00 a m	1110 1d av S	2 story frame	E. A. Knapp	E. A. Knapp	Dwelling	Gasoline stove	.....	.....
20	3 55 p m	Front of 11th av NE	2 story frame	Nelson, Tanney & Co	Nelson, Tanney & Co	Wood yard	Sparks from stack	2,065 00	12,500 00
20	8 43 p m	304 Nicollet av	3 story brick	Louis Laramee	Louis Laramee	Hall store	Rekindled	.....	.....
20	10 05 p m	38 Nicollet av	3 story brick	Louis Laramee	Louis Laramee	Hall store	Rekindled	.....	.....
21	1 57 p m	27 University av SE	2 story frame	C. W. Fish	C. W. Fish	Dwelling	Gasoline stove	.....	.....
21	7 35 p m	216 4th av N	2 story frame	F. H. Griffo	Herman Beecher	Dwelling	Box with matches	1,537 45	1,900 00
21	1 53 a m	1 Oak Grove & W 15th	2 story veneer	F. H. Griffo	F. H. Griffo	Barn	From next above	175 00	500 00
22	6 50 a m	104 Oak Grove & W 15th	2 story veneer	F. H. Griffo	F. H. Griffo	Barn	From next above	.....	.....
22	5 22 p m	312 Nicollet av	2 story brick	F. G. James	F. G. James	Tailor shop	Gasoline stove	10 06	.....
22	5 22 p m	1115 E Franklin av	2 story frame	Mpls. Loan & Trust Co	Chas. Newstrom	Blacksmith shop	Sparks from chimney	.....	.....
22	5 22 p m	253 2d st S	2 story brick	Janey Sample Co agt	Blanche Brown	Restaurant	Carelessness, gasoline stove	15 00	.....
23	9 40 a m	218 16th av S	2 story frame	Hobbs & Rowell	H. S. West	Dwelling	Oil stove	100 00	.....
23	10 30 a m	Rear 410-423 University av SE	1 story frame	Rev. Wright	Rev. Wright	Sheds	Boys with matches	.....	.....
23	3 50 p m	17 Royallston av	2 story frame	Mrs. Rollins	E. H. Prescott	Dwelling	Lamp upset by dog	45 42	2,100 00
25	5 15 a m	260 Nicollet av	2 story brick	— Jacoby	J. Skoll	Gasoline stove	Gasoline stove	8,723 00	10,000 00

27	9:00 a.m.	1st av & 6th st NE	3 story brick	Wheaton & Reynolds & Co	Wheaton & Reynolds & Co	S & D mill	Sparks from stack		
28	7:35 p.m.	1321 S 8th st	1 story frame	H. C. Butler	H. C. Butler	Barn	Boys with matches	20.00	
29	10:16 p.m.	308 Nicollet av	5 story brick	Dr. O. J. Evans	Grant Bell	Bicycle repair shop			
30	11:43 p.m.	3d st and 24th av N.	1 1/2 story frame	Pioneer Fuel Co	Pioneer Fuel Co	Wood yard	Sparks from forge		
31	9:11 p.m.	Rear 37 1/2 st W.	1 1/2 story frame	Washington Yale	Chas. E. Gill	Barn	Incendiary	200.00	300.00
AUGUST 1891									
2	4:57 a.m.	Cor 5th st & Henn av	12 story brick	S. G. Cook	Numerous	Elec Lgt Plant.	Sparks from furnace		
3	3:40 p.m.	411 11th st S	2 story brick	L. L. Cook	J. Seguerie	Tenement	Gasoline stove ex	250.00	800.00
4	4:10 p.m.	35, 36 S South 6th st	4 story brick	F. G. Lindquist	and others	Stores & dwelling	Incendiary	5.00	
5	4:45 p.m.	25th Washington av N	1 story frame	Andrew Johnson	Numerous	Office	Shack mist for fire		
6	9:25 p.m.	25th av N E & River	1 story frame	Jacob Barge	C. E. Remid	Restaurant	Lamp		
7	11:55 a.m.	230 Hennepin av	3 story brick	Union Morrisson	Union Morrisson	Stores & offices	Unknown	90.00	1,950.00
8	7:34 a.m.	418 12th av S	1 1/2 story frame	D. Kennedy	D. Kennedy	Barn	Unknown	150.00	
9	3:45 p.m.	49 Wash av S	2 story frame	D. Kennedy	Mrs. Flaherty	Factory	Sparks, furnace		
10	7:40 a.m.	65 24th st E	4 story brick	Thompson	Thompson	Arlington house	Lamp explosion		
11	7:25 p.m.	Western av	1 story frame	Thompson	Thompson	Dwelling	Chimney	5.00	
12	11:43 a.m.	327 17th av S	2 story frame	J. Kenn & G. R. Samuels	Phillips	Barn	Boys	415.35	2,500.00
13	12:30 a.m.	Rear 24th st N	1 story frame	Caroline A. Holmes	Dr. Linn	Barn	Rags in fire		
14	3:05 a.m.	9th av SE and 10th st	2 story frame	Excelsior U. T. Line	Excelsior U. T. Line	Wood shed	Unknown	126.21	6,000.00
15	6:40 a.m.	4th st & Oak SE	1 story brick	J. Boist	C. G. Hartman	Dwelling	Carleap's gas stove	806.40	2,200.00
16	10:45 a.m.	265 Nicollet av	2 story frame	F. M. Smith	Moses Woderlin	Wood shed	Boys playing theatre	25.00	
17	2:45 p.m.	256 14th av S	1 story frame	F. M. Smith	Moses Woderlin	Out house	Kids		
18	5:40 p.m.	121 6th st S	5 story brick	T. J. Thompson	T. J. Thompson	Feed Mill	Too much wheat in ruins		
19	10:15 p.m.	641 1st st N	1 story frame	Chas. E. Adders	Chas. E. Adders	Barn	Manure		
20	5:10 p.m.	157 Franklin av	2 story frame	H. C. Strelow	H. C. Strelow	Shop & dwelling	Sparks	65.00	3,000.00
21	7:55 p.m.	250 4th av S	2 story frame	L. M. Ayers	L. M. Ayers	Shop & dwelling	Gasoline stove		
22	7:00 p.m.	1007 Wash av N	2 story frame	L. M. Ayers	L. M. Ayers	Feed mill	Refrigerator		
23	1:36 a.m.	336 Dupont av N	3 story frame	T. J. Thompson	T. J. Thompson	Dwelling	Refrigerator		
24	1:22 p.m.	601 1st st N	2 story frame	Mrs. Sholder	Albert Johnson	Dwelling	Smoke mist for fire		
25	5:40 p.m.	242 24th st S	2 story frame	Wm. Dyson	Wm. Dyson	Dwelling	Spont combustion	227.17	4,500.00
26	10:30 p.m.	9 Highland av	2 story frame	M. E. Matthews	M. E. Matthews	Dwelling	Lamp explosion	10.00	3,000.00
27	2:43 p.m.	2714 Nicollet av	2 story frame	M. E. Matthews	M. E. Matthews	Feed mill	Gas	350.00	4,900.00
28	11:34 p.m.	4th st & Nicollet av	3 story brick	Miss Grabbitz	Alex. Douglas	Feed mill	Sparks		
29	1:02 a.m.	2112 2d st N	1 story frame	Alex. Douglas	Alex. Douglas	Feed mill	Sewer caved in		
30	1:54 p.m.	214 West 14th st	1 story frame	Nels Berquist	Nels Berquist	Feed mill	Defective flue	114.00	500.00
31	8:45 p.m.	745 Central av	2 story frame	John L. Lamb	John L. Lamb	Dwelling	Oil stove		
32	1:58 p.m.	233 James av N	2 story frame	Frank Wadsworth	Frank Wadsworth	Dwelling	Lamp explosion	3,800.00	
33	8:10 p.m.	2505 24th av S	2 story frame	W. G. Leighton	W. G. Leighton	Barn	Lamp explosion	1,177.00	1,250.00
34	1:46 a.m.	Rear 1023 Laurel av	2 story frame	W. G. Leighton	W. G. Leighton	Barn	Lamp explosion	10.00	3,000.00
35	3:40 a.m.	62 5th st S	1 story brick	Unoccupied	Unoccupied	Barn	Incendiary		

nalia, and that larger quarters will be needed. These, in my judgment, should be provided early, as the change can be made with much less trouble and expense at the time the new system is connected for use than later. I have a hope that the banks of the city can be induced to connect with this signal system at their own expense, and that other business institutions, where a detachment of officers, or a single officer may be needed at any moment on short call, will do the same thing. When this is done the headquarters of the department will be in close touch with these important interests, and in a position to render them assistance that can be made valuable only in proportion as it is prompt. In an especial way are the thanks of the department due to the council committee on police, without whose united aid this extension of a most important branch of the service would have been impossible at this time.

AN EMERGENCY FUND.

A contingent fund, to be set apart by the council at the beginning of each year, for the use of this department, and to be drawn upon by the mayor and superintendent of police in cases of emergency, would lend important assistance in carrying on successfully certain branches of the work that we have to do. Under the present system this department has practically no authority to spend a dollar of the city's money unless the matter has first gone through the tedious council routine, and the need for a regulation like that spoken of has suggested itself so often during the year that I hope the attention of the council may be called to it. It frequently happens, in the secret work of the department especially, and in cases where prompt and decisive action is necessary in order to accomplish certain ends, that a fund like this, would be of great benefit. It need not be large, and care should always be taken to expend it judiciously. It would be difficult to overestimate the advantage that might accrue to the department if it had such a fund at its disposal.

THE STATIONS.

Recent repairs in the south side station will enable the department to occupy it for another year, by which time I hope that the new station, so badly needed, may be forthcoming. The station on the east side of the river has been located at the corner of Central avenue and Fourth street, in the new Odd Fellows building. It is neatly and comfortably furnished, and when provided with a patrol wagon and a team and cells, will be fully equipped. I recommend the purchase of a patrol wagon and team for this station as soon as possible. A row of cells sufficient for the necessities of the case can be spared from the central station, and I suggest that they be put in place at an early day. Alterations in the heating and ventilating arrangements at the north side station have made that station habitable during the winter months, and, it is hoped, so far overcome the defects in the original construction as to remove most of the late numerous causes for complaint.

POLICE SURGEON.

The health of the members of the department for the year did not fall below the average, as the report of the police surgeon will show. This officer has been efficient, and, what is almost of equal importance, prompt, and his dealings with the department and its heads have shown him to be courteous and kind and in active sympathy with the spirit of

those portions of our rules which relate to him and his duties. The continued and intelligent endeavors of the police surgeon to make himself useful in the department have been a source of much gratification to us all.

THE POLICE MATRON.

The office of police matron is becoming more important each year in this city, and, as the work increases, it becomes apparent that there should be separate quarters at the central station for the small children and innocent girls, who so often, by accident, fall into the hands of the police and are detained for short periods of time. These persons do not belong to the criminal classes, and in most instances are not under arrest, and they should not be confined in the general female ward, where abandoned women in all the downward stages of depravity are frequently to be found. I would recommend, that, if practicable, a small room on the second floor of the central station be set apart for this purpose. In this connection I desire to say that the present police matron, by her faithfulness in the discharge of the manifold duties that devolve upon her, and by her earnest christian work among the unfortunate women who come under her care, has proven to be a valuable auxilliary to the department.

AS TO THE NEWSPAPERS.

The relations between this department and the public press, through its reporters, as a rule have been pleasant and of a character to call for no particular reference. The true newspaper instinct, however, and the policy of the department governing the giving out and withholding of important news, are so peculiarly at variance on many occasions that only a mutual forbearance and concession prevents a more or less serious disturbance of these relations. Very frequently the publication of the fact that a crime has been committed prevents the capture of a criminal, and so thoroughly have police departments generally come to believe this that police reporters in many cities get little information regarding matters purely of a police nature, aside from the uninteresting routine, from the offices of superintendents or chiefs of detectives. During the year I have been called upon several times to testify to the truth of the words used above. I cannot forbear in this report to condemn most earnestly the disposition that is noticeable at times in some of the home newspapers to use epithets and terms in referring to the force and individual members of it that tend to the disparagement of a service which every good citizen should uphold. Members of the department, it will be conceded, deserve not only more praise for brave deeds done, but should be jealously protected from any expressions that will tend to degrade their occupation in the eyes of the people. The words "copper," "peeler," "fly bob," and then the nicknames given to officers because of something they have done or have not done, which, while intended to be harmless, often result in harm and in heartaches. These are some of the things to which I would call the attention of the newspapers and ask to have omitted from their columns. In the police service cowardice is the blackest of all offenses, and punishments for short-comings is quick and sure. As the representative of the law, the police department should be protected from sneers and innuendoes through the public press, and given the dignity which is its due. If the force, as such, were low, mean and valueless, criticism would be in order; but when it tries to be manly, earnest and

efficient, the short-comings of any member of it should be then occasion for regret rather than for alleged humor and satire. I say this in all kindness, and cannot think that the newspapers or the public will think me unjust. While I say it I am not unmindful of the repeated kindness of the press to the department, individually and collectively, nor of the fact that that kindness was prompted by most generous impulses. I will say, too, that I believe the things with which I find some fault were not intended in a spirit of unfriendliness nor with a view to embarrassing the department. But, be that as it may, the effect was the same as if it were so intended.

A WORD TO THE PUBLIC.

In times past there existed in this city a strong prejudice against the police department, a prejudice which at this day has not entirely disappeared. Whether or not that prejudice was well founded is not a question for discussion here, but whether the causes for it, if causes there were, have not disappeared, or are not disappearing, is something regarding which every fair-minded person should inform himself. It may be that in the past the department abused itself, in permitting unworthy men to remain connected with it, in showing partiality in the distribution of rewards and punishments, and in allowing itself to be made a vehicle for the payment of petty political debts. These things all tended towards demoralization, lack of discipline and a general unfitness for duty, and would have been felt in the ranks of the most carefully selected and most perfectly organized body of men in the world. It may be to-day that the force is not all that the public would have it to be. But if the record of a year goes to show anything, it goes to show that there has been a marked improvement all along the line. It may be that there is still on the force men who should not be there, and if this is conceded, the answer comes naturally that perfection is impossible and should not be expected. The aim of the present administration has ever been to do the very best that can be done with the material at hand, to get rid of undesirable men as rapidly as possible and to put better men in their places. People who are constantly finding fault with the police department are standing in their own light, for it is their property and they should protect it. The department belongs to the tax payers, whose money sustains it, and they should, to say the least, do their faultfinding with discrimination, and not send forth their words unmixd with praise, when praise is fairly due.

The department should be a mutual affair. The interest the administration takes in it should never exceed that of the public generally, and both should join hands in an effort to make it as serviceable as possible, for as it becomes serviceable property becomes better protected and the city a better place to live in.

No police department that does its work fearlessly and well can hope for general favor. Every year thousands of individuals are arrested and punished for violations of known laws, and it is not expected that they or their friends will call a mass meeting and pass resolutions commending the department or any of its members. It is expected, on the other hand, that they will do all they can to annoy and vex.

They will entirely overlook or will belittle good points and magnify weak ones; they will not tire in an effort to hold the department up to

ridicule and derision; they will labor for all this as if their bread and butter depended upon it. Then, there are good people who find fault because this or that trivial ordinance is not enforced, and who, in the midst of their grumbling forget that a man who has too much to do can do nothing well. If the entire force of 225 men were on duty at all hours there would only be four for each square mile of territory in the city, and when the force is divided into day and night watches, this number is reduced to about two. The first thing a gang of thieves does when it comes to a city is to note the police force, and if there are any weak points, here is a fraternity that does not overlook them. The smaller the force the more widely distributed, and the more successfully the gang can work. Once or twice during the year Minneapolis has had visitations of this sort, but the gangs were broken up, most of the property recovered and the leaders sent to the penitentiary. The local police records for the year will, I am sure, compare most favorably with those of any city in the country, which, in view of the fact that our force is smaller, comparatively, than the force of almost any city of note that can be named, means a great deal. Let me suggest, therefore, the advisability of holding up the hands of the department in its efforts to protect the citizens and their property, and of finding an occasional kind word to say in the place of so many that are unkind. I am glad to know there is more of this spirit of friendliness and forbearance in the community now than was noticeable formerly, and hope it will increase and not diminish. In proportion as it does increase will the citizens of Minneapolis find their police department a source of pride, no matter who is mayor or who the superintendent of police.

IN CONCLUSION.

In conclusion, I desire to express my thanks to his honor, the mayor, who, as the head of the police department, is responsible in no small degree for the present general efficiency of that department, and the harmony and good feeling that exists between its several branches, the logical result of which has been a steady improvement in the character of the work done; to the city council, whose generosity has made possible the improvements that have been spoken of, and to the council committee on police, whose earnest and unceasing advocacy of measures having in view the extended usefulness of the department, has assured the success of those measures. Thanks are also due to the commanding officers of the different stations and to their subordinates, to the members of the detective force and to the officers in general, for without their hearty co-operation with me much of the best work of the year, and that which gives me most satisfaction as I now recall it, could not have been performed.

R. R. HENDERSON,

Superintendent of Police.

SUMMARY OF PUBLIC SERVICE BY THE POLICE DEPARTMENT FOR THE YEAR 1891.

SOCIAL CONDITION, EDUCATION, SEX AND COLOR.

Total number of arrests, 5,156.

Male	4,583	Colored	186
Female	573	Able to read	5,156
Married	1,500	Unable to read	20
Single	3,506		
White	4,970	Total	5,156

AGES.

Under 10 years of age	22	From 60 to 70	63
From 10 to 20	603	From 70 to 80	9
From 20 to 30	1,800	Eighty and over	2
From 30 to 40	1,956		
From 40 to 50	605	Total	5,156
From 50 to 60	317		

SUMMARY OF MISCELLANEOUS SERVICE PERFORMED BY THE POLICE FOR THE YEAR 1891.

Accidents reported	104	Sick and injured persons assisted	258
Buildings secured, being found open	411	Stray teams cared for	50
Burglars frustrated	6	Street lamps reported broken	5
Dead bodies found	47	Street lamps reported not lighted	3,563
Defective sidewalks reported	833	Shields reported	16
Destitute persons cared for	11	Water pipes reported broken	23
Disturbances suppressed	17	Stray horses taken up	505
Dangerous places in streets reported	16	Stray cows picked up	81
Meals for sick prisoners and lodgers	3,505	Stray calves picked up	8
Nuisances and dead animals reported	844	Stray sheep and goats picked up	4
Runaway horses stopped	35		

PATROL WAGON SERVICE.

Alarms responded to	2,703	Miles traveled	7,974
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OFFENSES.—STATE

Total number of arrests for state offenses 1,270, as follows:

Attempted pocket picking	2	Keeping house of ill fame	249
Abduction	1	Larceny from the person	2
Adultery	10	Malevolently injuring property	7
Arson	3	Non-support of family	23
Assault	28	Murder	1
Assault and battery	252	Obtaining money by false pretense	6
Assault and threatening	3	Obtaining property by false pretense	5
Assault with dangerous weapon	2	Personating an officer	1
Assault with intent to kill	1	Procuresses	2
Boarding moving train	7	Petit larceny	383
Bastardy	19	Rape	2
Burglary	20	Receiving stolen property	2
Conspiracy	16	Receiving and secreting stolen property	3
Contempt of court	5	Resisting officer	3
Cruelty to animals	20	Robbery	6
Cruelty to children	1	Swindling	5
Criminal libel	1	Seduction	1
Deserter U. S. Army	1	Sabbath breaking	6
Defrauding hotel keeper	1	Slander	2
Disturbing religious meeting	2	Suspicious characters	1
Destructive property	5	Violating lottery law	1
Embezzlement	5	Violating food and dairy laws	1
Removing mortgaged property	1	Violating fish law	13
Forgery	8	Violating ferry law	2
Fugitive from justice	4	Violating liquor law	2
Grand larceny	73	Wearing men's apparel	2
Highway robbery	2		
Incorrigible conduct	21	Total	1,270
Interfering with officer	4		

OFFENSES. CITY.

Abusive language	33	Violating bathing ordinance	1
Bench warrants	6	Violating building ordinance	10
Peace warrants	13	Violating ab and back ordinance	1
Careless and reckless driving	31	Violating dog ordinance	36
Common prostitute	24	Violating express ordinance	1
Disorderly conduct	440	Violating park ordinance	20
Drunkenness	1,808	Violating fire ordinance	3
Fast driving	32	Violating tire arms ordinance	8
Gatobling	116	Violating garbage ordinance	1
Indecent conduct	4	Violating health ordinance	7
Indecent exposure of the person	4	Violating license ordinance	18
Insulting language	5	Violating liquor ordinance	1
Keeping disorderly house	8	Violating pedlers ordinance	13
Found in disorderly house	3	Violating pound ordinance	10
Keeping gambling rooms	16	Violating pawbrokers ordinance	18
Keeping gambling device	2	Violating sidewalk ordinance	6
No charge	6	Violating plumbing ordinance	7
Obstructing street	40	Violating street ordinance	10
Selling liquor without license	15	Violating sunday liquor ordinance	5
Saloons open Sunday	78	Found in house of ill fame	48
Suspicious persons	1		
Vagrancy	577	Total	3,826

HOW DISPOSED OF.

Appealed to higher court	51	Remanded to authorities abroad	10
Bail forfeited	21	Sent to workhouse	1,700
Bound over to grand jury	112	Held in lockup	6
Bound over to keep the peace	5	Suicide	1
Bound over for trial	1	Sentence suspended	525
Committed to county jail	9	Sent to reform school	20
Died in cell	1	Continued cases	15
Discharged and dismissed	768		
Fined	1,894	Total	5,154
Postponed indefinitely	1		

OCCUPATIONS.

Architects	1	Errand boys	4
Actors	2	Expressmen	12
Agents	52	Farmers	53
Auctioneers	2	Flunshers	5
Bakers	24	Fletmen	12
Barbers	50	Florists	1
Bar tenders	53	Furriers	1
Bell boys	3	Foremen	1
Blacksmiths	66	Fruit dealers	3
Boarding house keepers	1	Gamblers	3
Boller makers	13	Gardeners	3
Book binders	2	Gas fitters	7
Bookkeepers	25	Grocers	11
Bootlaces	13	Hackmen	11
Bricklayers	21	Harness makers	8
Brokers	10	Horse men	7
Builders	3	Hotel keepers	9
Butchers	46	House keepers	276
Cabinet makers	6	House movers	5
Carriers	3	House work	155
Car drivers	2	Janitors	7
Carriage makers	7	Jewelers	7
Carpenters	113	Laborers	2,363
Carpet fitters	1	Lathers	5
Carvers	1	Laundresses	2
Cigar makers	18	Laundrymen	4
Clerks	100	Lawyers	9
Conductors	9	Liquors dealers	2
Confectioners	5	Livery men	3
Collectors	1	Machinists	43
Contractors	10	Manufacturers	8
Cooks	46	Marble cutters	2
Coachmen	5	Masons	5
Coupers	32	Mechanics	40
Doctors	10	Merchants	52
Dentists	2	Milk pedlers	15
Draymen	1	Millers	51
Druggists	9	Minister	1
Dressmakers	4	Molders	31
Detectives	1	Musicians	5
Editors	1	News agents	2
Electricians	2	News boys	10
Ex-policeman	1	Nurses	3
Employment agents	1	Operators	13
Engineers	48	Painters	90
Engravers	2	Paper hangers	10

SUPERINTENDENT OF POLICE REPORT.

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Pattern makers.	1	School girls.....	3
Pawnbrokers.....	1	Second hand dealers.....	4
Pedlers.....	82	Shoemakers.....	48
Photographers.....	3	Sailors	11
Plasterers.....	8	Soldiers.....	13
Plumbers.....	39	Steam fitters... ..	12
Platers.....	2	Stone cutters.....	25
Pugilists	2	Stone masona.....	20
Porters	16	Students	3
Printers	58	Tailors.....	39
Prostitutes.....	76	Teach rs.....	2
Railroad men.....	173	Teamsters.....	83
Real estate men.....	15	Tinsmiths.....	22
Reporters.....	1	Theatrical men	2
Restaurant keepers.....	2	Upholsters	6
Salesmen	23	Veterinary surgeon.....	1
Saloon keepers.....	111	Wagon makers.....	3
Saw filers	1	Walters.....	62
Sawyers.....	2	Washer women.....	9
Special police.....	1	Watch makers.....	3
Scavengers.....	4		
School boys.....	153	Total	5,156

NATIVITY.

Australia.....	1	Ireland.....	321
Armenia.....	1	Italy	7
Arabia.....	3	New Brunswick.....	3
Austria.....	9	Norway	407
Belgium.....	2	Romania	6
Bohemia.....	19	Poland.....	7
Canada... ..	217	Russia	50
China	2	Scotland.....	45
Denmark.....	55	South America.....	1
England	85	Spain.....	2
Finland.....	20	Sweden.....	537
France.....	17	Switzerland	8
Greece.....	30	Wales	3
Germany.....	219	United States, white.....	2,914
Holland.....	3	United States, colored.....	186
Hungary.....	3		
		Total.....	5,156

SUPERINTENDENT'S OFFICE.

SYNOPSIS OF BUSINESS TRANSACTED.

Written complaints investigated.....	2,850
Verbal complaints investigated.....	7,300
Letters and telegrams acted on.....	3,555
Letters and telegrams sent out.....	2,500
Circulars and postals issued.	2,300
Circulars and postals acted on.....	1,825

EXPENSE FOR 1891.

Pay rolls.	\$217,741.19
Signal service.....	5,374.52
Property account.....	1,800.86
Fuel.....	1,519.14
Cost maintaining three patrol wagons.....	1,163.74
Feeding prisoners.....	731.76
Lighting.....	1,061.62
Rent, 2d and 3d precincts.....	717.25
Printing and stationery	655.48
Nelson & White, judgment.....	540.00
Insurance.....	431.00
Telephone rent.....	327.50
Ice.....	169.15
Telegrams.....	162.73
Incidentals	2,192.63
Harvest Festival expense.....	122.65
Total	\$234,661.71

DETECTIVE DEPARTMENT.

MONTHS.	Amount of personal property reported stolen.	Amount of property recovered.	No. of arrests by de- tectives.	Number of persons convicted.	Arrests for other cities.	Value of horses and carriages recovered.
January.....	\$3,332.00	\$2,830.00	24	19	2	\$5,800.00
February.....	1,608.00	1,415.00	16	14	.....	4,200.00
March.....	1,573.00	1,311.00	38	17	1	5,200.00
April.. ..	972.00	810.00	48	22	.....	2,400.00
May.....	668.00	555.00	27	23	2	6,000.00
June.....	310.00	255.00	31	18	1	4,440.00
July.....	2,210.00	1,842.00	46	20	1	4,600.00
August.....	1,922.00	1,602.00	27	18	2	4,600.00
September.....	3,064.00	2,553.00	28	11	1	4,000.00
October.....	2,598.00	2,145.05	24	12	1	8,200.00
November.....	1,240.00	1,075.00	30	13	2	6,200.00
December.....	1,522.00	1,268.00	52	35	2	5,800.00
Total.....	\$21,156.00	\$17,181.00	389	222	15	\$62,040.00

PAWNBROKER'S DEPARTMENT.

MONTHS.	No. of daily reports re- ceived.	No. of pledges & purchases reported.	Number of pledges recorded.
January.....	563	2,426	685
February.....	603	2,857	557
March.....	624	3,131	707
April.....	635	3,194	764
May.....	631	3,105	799
June.....	649	2,598	930
July.....	560	2,490	917
August.....	564	2,502	882
September.....	518	2,613	716
October.....	501	2,521	803
November.....	589	2,582	844
December.....	609	3,004	846
Total.....	7,075	33,023	9,470

MUNICIPAL COURT BUSINESS.

The following Municipal Court business was transacted during the year, showing the civil and eriminal business, also showing the increase or decrease, per report of

A. J. MULLEN, *Court Sergeant.*

MONTHS.	1890.		1891.		Increase.		Decrease.	
	Civil.	Criminal.	Civil.	Criminal.	Civil.	Criminal.	Civil.	Criminal.
January.. .	62	96	78	94	16	.....	.....	2
February.. .	49	85	64	82	15	.....	.....	3
March.....	69	97	83	127	14	30	.....	.....
April.....	57	130	80	119	23	.....	.....	11
May.....	47	91	63	113	16	22	.....	.....
June....	68	141	84	119	16	.....	.....	22
July.....	49	135	79	112	30	.....	.....	23
August....	64	99	84	131	20	32	.....	.....
September..	60	125	71	149	11	24	.....	.....
October....	65	99	58	122	.....	23	9	.....
November..	51	95	60	113	9	18	.....	.....
December..	61	114	46	165	.....	51	13	.....
Total.....	702	1,307	848	1,446	146	139	.....	.....

REPORT OF SIGNAL SERVICE AND TELEPHONE DEPARTMENT.

Police Headquarters

MONTHS	Calls for patrol wagon	Fires attended	Complaints	Calls for officers	Dead animals reported	Buildings found open	Children lost and found.	Calls from officers through boxes.
January	128	18	56	21	34	9	19	11,378
February	80	11	31	37	34	17	16	10,386
March	118	7	40	21	40	17	10	12,109
April	122	11	65	47	51	18	74	10,862
May	124	13	77	43	80	20	83	11,808
June	140	9	82	32	31	29	60	12,970
July	161	15	115	52	36	19	67	12,422
August	160	8	94	44	27	20	54	12,056
September	145	16	106	66	32	17	38	11,709
October	174	10	82	46	30	27	38	12,445
November	166	15	75	40	18	21	14	12,681
December	141	12	67	50	19	19	16	12,337
Total	1,677	146	901	489	588	233	103	143,193

LOCATION OF TELEPHONE BOXES.

First Precinct.

12th and Hennepin avenue.
Grant and Nicollet avenue.
17th street and Nicollet avenue.
10th street and 4th avenue south.
10th street and Nicollet avenue.
19th street and 4th avenue south.
Hawthorne and Lyndale avenues.
6th street and Nicollet avenue.

3d avenue south and 15th street.
7th street and 6th avenue south.
10th street and Chicago avenue.
5th street and 4d avenue south.
7th street and 2d avenue south.
3d avenue south and Washington avenue.
1st avenue north and 1st street.
1st avenue north and 7th street.

Second Precinct.

Box 13, Main street corner 8th avenue NE.
Box 23, Monroe street corner 4d av NE.
Box 31, 9th street corner 4d avenue SE.
Box 37, University av corner 6th av SE.
Box 144, 4th street corner 14th avenue SE.
Main street corner Central avenue.
5th street corner Central avenue NE.

2d street corner 4th avenue NE.
13th avenue corner Main street NE.
Adams street corner Summer street NE.
Central avenue corner 25th avenue NE.
Central avenue corner 18½ avenue NE.
Central avenue corner Summer street NE.

Third Precinct.

No. 1, old box, cor 11th av S & Wash av
No. 2, old box, cor 21st av S & Wash av
No. 3, old box, cor 8th av S & 4th street
No. 4, old box, cor Franklin & Cedar avs.
No. 5, old box, cor 24th av and 25th st.
No. 6, new box, cor 14th av S and 6th st.

No. 7, new box, cor 11th av S and 8th st.
No. 8, new box, 14th av S & Franklin avs.
No. 9, new box, cor Bloomington & 25th st
No. 10, new box cor 24th av S & Franklin av
No. 11, new box cor Minnehaha av & Lake st
No. 12, new box, cor 23d av S & Riverside av

Fourth Precinct.

3d avenue north and Washington avenue
6th avenue north and Washington avenue
10th avenue north & Washington avenue
14th avenue north & Washington avenue
20th avenue north & Washington avenue.
20th avenue north & Washington avenue.

20th and Lyndale avenues.
11th and Lyndale avenues
6th and Lyndale avenues.
Western avenue and 12th street.
Plymouth avenue and 5th street.

Fifth Precinct.

25th avenue NE and Marshall street.
University avenue SE and 27th street.
Como and 12th avenues SE.
Cedar avenue and Lake street.
Chicago avenue and Lake street.
Chicago avenue and 24th street
20th avenue north and 24th street.

Plymouth avenue and 12th street.
Western avenue and Cedar Lake.
Lake street and Pleasant avenue.
Hennepin avenue and Lake street.
23th street E and 3d avenue south.
Lowry Hill

PRECINCTS.

The city is divided into five precincts and they are bounded and controlled as follows:

Headquarters -1 superintendent, 1 captain, 1 secretary to superintendent, 1 pawnbroker inspector, 6 inspectors, 3 telephone operators, 1 sidewalk inspector.

First Precinct. 1 captain, 1 lieutenant, 5 sergeants, 4 court officers, 58 patrolmen. The precinct is bounded as follows: Commencing at river bank on 1st avenue north, thence along 1st avenue north to Franklin avenue, thence on Franklin avenue to 8th avenue south, thence on 8th avenue south to the river bank.

Second Precinct. -1 captain, 1 lieutenant, 3 sergeants, 36 patrolmen. The precinct is bounded as follows: Commencing at river bank and 14th avenue northeast, thence along 14th avenue northeast to Monroe street, thence along Monroe street northeast to 28th avenue northeast, thence along 28th avenue northeast to Fillmore street, thence along Fillmore to 18th avenue northeast, thence along 18th avenue to Central avenue, thence along Central avenue to Broadway, thence along Broadway to Johnson street, thence along Johnson street to 9th avenue southeast, thence along 9th avenue to 14th avenue southeast, thence along 14th avenue southeast to the river. Also the whole of Nicollet Island.

Third Precinct. -1 captain, 1 lieutenant, 3 sergeants, 37 patrolmen. The precinct is bounded as follows: Commencing at 8th avenue and the river, thence along 8th avenue south to 28th street, thence along 28th street to 21st avenue south, thence along 21st avenue south to Lake street, thence along Lake street to 30th avenue south, thence along 30th avenue south to river bank.

Fourth Precinct. -1 captain, 1 lieutenant, 3 sergeants, 32 patrolmen. The precinct is bounded as follows: Commencing at 26th avenue north and river thence, along 26th avenue north to Lyndale avenue, thence along Lyndale avenue to 1st avenue north, thence along 1st avenue north to the river.

Fifth Precinct. -1 lieutenant, 3 sergeants, 25 patrolmen. The territory patrolled by this precinct covers all the territory outside of the other precincts and extends to the city limits

POLICE SURGEON'S REPORT.

Major R. R. Henderson, Supt. Police:

SIR:—I have the honor to submit my annual report for the eleven months that I have occupied the office of police surgeon.

Total number of policemen sick during the eleven months	467
Number of days' work lost on account of sickness	2,030
Number of calls made on sick policemen by the police surgeon	1,462
Consultations at the office of the police surgeon	589
Calls at lockup, lockup cases and the courts	374

Of the 2,030 days lost on account of sickness, 17 men lost time varying in amount from 15 to 67 days; in other words, 17 men caused a loss of 589 days.

I have very rarely found an officer assuming to be sick when he was not sick. All instances of that kind have been the subject of special report to the superintendent.

There are a few men on the force who are afflicted with constitutional weaknesses which should have debarred them from appointment on the force; but they are on, and have been for a long time and should be allowed to remain as they are very efficient and reliable officers. But their presence adds unreasonably to the number of days' work lost on account of sickness.

While I am sure that a more able and gentlemanly set of men is not to be found on the police force of any other city, we have quite a number who give up too easily when they catch cold or feel slightly ill; they are not afraid of bullets, but they are afraid of a common cold, and quit their duty when a cold inaugurates itself instead of going on with the performance of their duties as men in any other position would do.

This criticism, however, must not be taken as applying to the whole force, for there are many officers who have not been on the sick list at all; they have undoubtedly at times felt ill, but they have stuck to their work and said nothing about it, or else applied at my office for treatment which they could pursue and still remain on duty.

It gives me pleasure to state that during the eleven months that I have served as police surgeon I have only discovered two officers who were intemperate.

Very respectfully, your obedient servant,

EDWARD T. GIBSON,

Minneapolis, Minn., Jan. 1st, 1892.

Police Surgeon

REPORT OF SIDEWALK INSPECTOR.

1891.

Number of defective sidewalks reported by F. DeHarven from January 1, to April 15th 1891	47
Number of defective sidewalks reported by John Galvan from May 16th to December 15th	720
Dangerous streets reported	65
Total	832
Brewer accidents investigated	29
Accidents of other kinds	32
Total	61

Respectfully submitted,

JOHN GALVAN, *Sidewalk Inspector.*

In Memoriam.

The following members of the Police Department
have died during the year 1891:

JOHN MOLAN	-	-	-	MARCH 3, 1891.
A. H. TREPANIER	-	-	-	JULY 15, 1891.
JOHN DAHLGREN	-	-	-	NOVEMBER 1, 1891.
LIEUT. JOHN S. J. BEAN	-	-	-	DECEMBER 12, 1891.

ROSTER MINNEAPOLIS POLICE DEPARTMENT.

NAME	Rank	Age	Height.	Weight.	Nativity.	Married or single.	Former occupation	First appointed	Promoted.
Headquarters									
Henderson, R. R.	Superintendent.	50	5 7	140	United States	Married.	Merchant.	January 1, 1891	Sergeant May 16, 1884 Lieutenant April 24, 1885 Capt May 10, 1887 Captain January 1, 1890.
Helm, Jacob	Captain.	47	5 8	175	Germany	Married	Butcher.	June 10, 1878	
George Fred A.	Inspector.	29	5 10	165	United States	Married	Miller	April 30, 1885	
Howard, Jas A.	Inspector	38	5 10	170	Ireland.	Married	Lumberman	June 14, 1882	
Hankinson, Jas.	Inspector	37	5 10	190	United States	Married	Salesman	May 12, 1875	
Hoy, Jno P.	Inspector.	35	5 10	200	United States	Married.	Grocery.	April 30, 1885	
Doyle, Jas. G.	Inspector	26	5 10	190	Canada	Married	Clerk	August 1, 1886	
Lawrence, Joseph.	Inspector	24	5 2	225	United States	Married	Lumberman	April 1, 1883	
Mailon, M. J.	Inspector	42	5 10	170	Ireland.	Married	Newspaper	October 1, 1880.	
Doyle, M. E.	Inspector	36	5 11	200	United States	Married	Real estate	March 1, 1891.	June 1, 1886
Court Officers									
Mullen, A. J.	Sergeant.	30	5 7	165	United States	Single.	Newspaper	April 30, 1880	January 1, 1887. Resigned Nov. 14, 1887 Reinstated Feb. 20, 1891 Promoted May 1, 1891.
Pierre, Washington	Sergeant.	25	5 9	172	United States	Married	Carpenter.	April 16, 1884	
Campbell, Jno C.	Officer.	38	5 7	154	United States	Married	Carpenter.	April 18, 1884	
Byrnes, Jno	Officer	40	5 9	180	Ireland.	Married	Laborer	April 11, 1887	
Megaarden, P. T.	Officer	26	5 9	190	Norway	Single	Hookkeeper	April 30, 1884.	
Ehrlichman, Walter	Interpreter.	27	5 10	160	Russia.	Married	Merchant	February 1, 1890	
First Precinct									
Day, D. A.	Captain.	50	5 8	200	United States.	Single.	Lumberman	April, 1885	August, 1889.
Cosaran, Thos.	Lieutenant.	52	5 10	200	Ireland	Married	Lumberman	May, 1884	Sergeant May 11, 1887 Lieutenant May, 1890
Kirkham, S. A.	Sergeant	45	5 10	225	United States	Married	Contractor	June 1, 1880	Oct 1, 1889
Leonard, John	Sergeant	38	5 10	225	Canada	Married	Wood turner.	June 14, 1882	August, 1887
Mealy, Michael	Sergeant	36	6 1	200	United States	Married	Lumberman.	April, 1885	Feb 22, 1891
Needham, A. B.	Jailer	42	5 7	180	United States	Married	Farmer	January, 1885	
Brady, Peter	Jailer	56	5 10	200	Ireland	Married	Lumberman	June 14, 1882	
Murray, H.	Driver	47	5 11	213	United States	Married	Contractor	April 1885	
McLaughlin, Peter	Driver	33	5 10	178	United States	Married	Sidder	December, 1888	
Reck, Wm J.	Patrolman	30	5 8	160	United States	Married	Stone cutter	November, 1884	
Buckett, Geo.	Patrolman	36	5 10	170	United States	Married	Expressman	July, 1890	
Howes, Frank L.	Patrolman	33	6 10	168	United States	Married	Carpenter	July 24, 1880	
Gambard, John B.	Patrolman	32	5 9	172	United States	Married	Lumberman	Feb 1, 1889	
Kran, John E.	Patrolman	26	5 10	158	Canada	Married	Transfer agt	July 1, 1891	
Martin, Isaac	Patrolman	46	5 9	200	United States	Married	Ins agent	July 1, 1889	
Tapper, Frank H.	Patrolman	24	5 9	176	United States	Single	Druggist.	Dec. 28, 1891.	

ROSTER MINNEAPOLIS POLICE DEPARTMENT.—Continued

NAME	Rank	Age	Height.	Weight.	Nativity	Married or single	Former occupation.	First appointed.	Promoted.
First Freednet.									
Bacon, B. W.	Patrolman	34	5 11	163	United States.	Married	Plasterer	May 18, 1887.	April 1885
Rankins, A. E.	Patrolman	47	6	188	United States.	Single	Lumberman.	May, 1887.	Removed May, 1886
Kelly, Thos. J.	Patrolman	30	5 10	189	Ireland	Single	Painter	April, 1887.	Reinstated April, 1889
Morrissey, John	Patrolman	36	5 9	174	United States	Married	Nurse	April, 1888	
Butler, Francis	Patrolman	31	5 11	210	Nova Scotia.	Single	Bar tender.	March, 1891	
Conroy, Anthony	Patrolman	34	5 10	220	Ireland	Married	Laborer	July, 1890	
DeLano, L. G.	Patrolman	47	5 10	165	United States	Married	Stencil cutr.	July, 1888	
Malchow, Chas.	Patrolman	40	5 10	180	Germany	Married	Carpenter	September, 1891.	
Merrick, Jas. H.	Patrolman	24	5 11	174	United States	Single	Electrician	March 1, 1891	
Goff, Emmett J.	Patrolman	25	6 3	209	United States	Single	Electrician	Dec 24, 1891.	
Gingras, Henry	Patrolman	32	5 10	210	United States	Single	Carpenter	July 1, 1891	
Johnson, F. M.	Patrolman	33	5 11	222	United States	Married	Lumberman	Feb 2, 1893	
Shelly, Ole M.	Patrolman	43	6	205	Norway	Married	Clerk	Sept 1, 1892	
Ryan, Jas. E.	Patrolman	35	6	235	United States	Married	Stone cutter.	Sept. 1, 1890.	
Volk, Aug. H.	Patrolman	37	5 11	225	Germany	Married	Lumberman	April 18, 1893	
Ekhlund, Jno. L.	Patrolman	40	5 8	188	Sweden	Married	Railroad	April 24, 1894	
Sullivan, Jno	Patrolman	40	5 10	210	United States	Married	Laborer	April, 1892	
Garvin, Thos. H.	Patrolman	29	6 1	196	United States	Single	Laborer	August 8, 1887	
Neas, Paul P.	Patrolman	32	6	186	Norway	Single	Carpenter	July 5, 1891	
Zalusky, Frank	Patrolman	33	6	185	Bohemia	Married	Cooper	April 27, 1895	
Flemming, Chris.	Patrolman	30	6	185	United States	Single	Coachman	July 10, 1891	
Brudigan, Henry	Patrolman	47	5 9	223	Germany	Married	Sealer	June 14, 1882.	
Kennedy, M. P.	Patrolman	51	5 7	187	Ireland	Married	Blacksmith	April 16, 1883	
Craba, Albert	Patrolman	41	5 6	167	Germany	Single	Soldier	May 1, 1885	
McKenna, Jno	Patrolman	39	6	245	Ireland	Married	Plowmaker	May 18, 1887	
Hassey, Ella	Patrolman	41	6	200	United States	Married	Farmer	July, 1888	
Collins, Thos. L.	Patrolman	32	5 10	220	United States	Married	Coachman	April, 1885	
York, Geo. W.	Patrolman	47	6	195	United States	Married	Carpenter	February, 1889	
Safford, A. M.	Patrolman	35	6	218	United States	Married	Farmer	August, 1890	
Averill, H. S.	Patrolman	44	5 11	206	United States	Married	Foreman	August 5, 1890	
Rutledge, Jas. F.	Patrolman	37	5 10	175	United States	Married	Blacksmith	February 1, 1889	
Riviere, Geo.	Patrolman	38	6 2	215	United States	Married	Engineer	July 27, 1890	
Mousse, Paul	Patrolman	29	6	204	Canada	Married	Lumberman	July, 1896	
Novack, Jas. C.	Patrolman	34	5 10	249	United States.	Married	Lumberman	April, 1893	
Maloney, John	Patrolman	30	5 10	225	United States	Single	Mach. hand	April, 1886	
McNulty, Simon	Patrolman	40	6 2	200	United States	Married	Laborer	May, 1896	
White, B. S.	Patrolman	35	6	198	Ireland	Married	Street car	July, 1893	
Ryan, J. M.	Patrolman	20	5 11	215	United States	Married	Laborer	May, 1895	
								July, 1897	

Removed May 1, 1887.
Reappointed Dec. 24, '91.

Grattan, Jas.	46	5.9	123	Ireland	Married	Farmer	Aug.
Bahan, Geo. W.	46	6.11	135	United States	Married	Painter	February, 1886
Courtney, Jno.	30	5.8	190	Ireland	Single	Laborer	May 17, 1887
Galvin, Jno.	28	6	174	Ireland	Single	Machinist	June, 1887
Queuley, P. J.	26	6	195	Ireland	Married	Ex messenger	May 18, 1887
Martin, W. A.	35	5.2	200	United States	Married	Surveyor	July 15, 1891
McNamara, Thos.	43	6	200	Ireland	Married	Laborer	April, 1888
Carpenter, Chas.	43	6.1	220	United States	Married	Laborer	July 23, 1890
Fox, Peter	30	5.11	164	United States	Single	Blacksmith	July, 1890
Second Precinct.							
Bosworth, W. W.	54	6	200	United States	Married	Lumberman	May 12, 1875
Lieutenant							
Kennedy, Pat.	52	5.7	172	Ireland	Married	Merchant	April 17, 1876
Dunn, William	52	5.10	215	Ireland	Married	Plasterer	May 16, 1884
Crumm, John	38	5.10	190	United States	Married	Lumberman	April, 1882
Maurer, Nick	49	5.11	225	Germany	Married	Cooper	December 24, 1891
Lavale, Peter	28	6	175	Canada	Married	Lumberman	August, 1889
Malone, W. B.	28	5.9	190	Canada	Married	Wagonman	April, 1878
Ryan, Mike	51	5.10	190	Ireland	Married	Lumberman	August, 1890
Michael, D. M.	33	6	200	United States	Widower	Lumberman	February, 1889
Michael, Henry	39	5.10	175	Canada	Married	Lumberman	June 1889
Kerr, John	28	5.9	193	United States	Married	Barber	December, 1891
Sherrill, John G.	43	5.9	195	United States	Married	Lumberman	May, 1886
Clouey, Frank	54	6.1	175	Norway	Married	Painter	July, 1889
Walton, John	44	5.11	195	Norway	Married	Clerk	May, 1889
Walton, J. P.	38	5.11	175	Canada	Married	Carpenter	July, 1884
Hurley, P.	47	5.10	195	United States	Married	Lumberman	August, 1890
Brown, C. E.	44	5.10	175	United States	Married	Carpenter	February, 1889
Cronan, Mike	34	5.7	210	United States	Married	Lumberman	July, 1887
McQuade, John	50	5.9	190	Canada	Married	Lumberman	April, 1884
Cheerack, J. J.	32	5.7	165	Prussia	Married	Papermaker	January, 1891
Derrick, D. M.	35	5.11	195	Canada	Married	Carpenter	June, 1887
Knudson, Louis	46	5.11	200	Norway	Married	Carpenter	April, 1886
Zienkowsky, John	35	5.10	198	Poland	Married	Butcher	May, 1886
Gagne, Frank	39	5.10	187	United States	Married	Painter	June, 1891
Normand, Niphouse.	30	5.11	195	United States	Widower	Engineer	July, 1881
Wiemelt, Henry	49	5.10	190	France	Married	Lumberman	July, 1884
Brau, James P.	38	5.8	189	Canada	Married	Carpenter	April, 1884
McNulty, Edward	43	6	200	Germany	Married	Plasterer	May, 1887
VanKirkley, John	23	5.9	195	United States	Married	Bricklayer	April, 1882
McGowan, Peter	32	5.8	210	United States	Married	Carpenter	February, 1890
Gordon, E. P.	30	5.6	172	United States	Single	Lumberman	August, 1890
Smith, B. F.	42	5.8	182	Germany	Married	Lumberman	April, 1886
Mingo, John	38	5.10	190	Ireland	Married	Plumber	May, 1887
Sullivan, James F.	38	6.1	190	Canada	Married	Lumberman	April, 1882
Hurley, Pat.	38	6.1	190	Canada	Married	Lumberman	April, 1882

Sergeant, April 74.
 Lieutenant, Jan 15, 1893.
 Captain, April 30, 1893.
 Sergeant, April 11, 1896.
 Lieutenant, Dec 24, 1891.
 Sergeant, May 18, 1897.
 Sergeant, Dec 24, 1891.

On one year

Served 1 yr., reappointed

Removed '86, reappointed

Removed 1884, reappointed

Removed 1884, reappointed

ROSTER MINNEAPOLIS POLICE DEPARTMENT. --Continued.

NAME	Rank	Age	Height	Weight	Nativity	Married or single.	Former occupation.	First appointed	Promoted
Third Precinct.									
Ness, Louis . . .	Captain . . .	38	4 1	100	Norway . . .	Married.	Cooper . . .	April 19, 1883 . .	[1, 1885 April 20, 1886; Serg't Dec. Lieut., May 1, 1886. Served 1 yr. as patrolman from May 1, '79 to May 1, '81. Sergeant, Feb. 7, 1880. May 1, '84, removed May 1, '86, reappointed May '87, as Serg't 2d time Feb. 7, '89 October, 1889
Walton, Swan . .	Lieutenant	51	5 8	180	Sweden . .	Married.	Groser . . .	April 17, 1878 . .	
Allen, Jas . . .	Sergeant . . .	49	5 11	190	Canada . .	Married	Blacksmith	March 29, 1870 . .	
Fox, Pat'k . . .	Sergeant.	50	5 10	191	Ireland . .	Married	Carpenter	June, 1882. . . .	
Gustafson, C. V.	Sergeant	38	5 8	204	Sweden . .	Married	Carpenter . .	April 18, 1882. . .	
Schwartz, August	Jailor . . .	62	5 11	200	Germany . .	Married	Carpenter . .	May 1, 1880 . . .	
Zimmerman, Sam.	Jailor . . .	47	5 5	146	Switzerland .	Married	Elev. form n	August 1896 . . .	
Hoyt, Albert	Driver . . .	48	5 10	186	United States	Single	Cooper . . .	May 1, 1895 . . .	
Collins, R. J.	Driver . . .	38	5 10	160	Canada . . .	Married	Miller . . .	August, 1897 . . .	
Aasgaard, K. O.	Patrolman	36	6	185	Norway . . .	Married	Carpenter . .	February 18, 1880	
Auerbach, Henry	Patrolman	29	5 10	193	Roumania . .	Married	St. Car con	July 10, 1891 . .	
Brady, Mack . . .	Patrolman .	60	5 10	186	United States	Married	Butcher . . .	June 15, 1882 . .	
Horn, Hans . . .	Patrolman	44	5 11	225	Norway . . .	Married	Lumberman	April 15, 1887 . .	
Caswell, Leodail	Patrolman	43	5 10	133	United States	Married	Clerk . . .	August, 1900 . . .	
Carlsson, Daniel	Patrolman	31	5 8	168	Sweden . .	Married	St. foreman	September, 1890 .	
Gerrish, H. A.	Patrolman	40	6 2	205	Greenland .	Married	Machinist	June, 1880 . . .	
Gardner, Jno . . .	Patrolman	56	5 8	168	United States	Married	Butcher . . .	June, 1880 . . .	
Golden, Robt . . .	Patrolman	51	6 10	186	Sweden . .	Married	Tailor . . .	February 15, 1880	
Hallen, A. T.	Patrolman .	29	5 6	161	Germany . .	Married	Carpenter . .	May 1, 1886 . . .	
Halling, Chas. O.	Patrolman	39	5 10	186	Norway . . .	Married	Clerk . . .	July 15, 1891 . .	
Hoyebred, Bernt	Patrolman	37	5 9	185	United States	Married	Blacksmith	August, 1890 . . .	
Hoyebred, Ole . .	Patrolman	40	6 10	170	Norway . . .	Married	Railroad	July 14, 1890 . .	
Hanson, Lars . . .	Patrolman	32	5 11	225	Norway . . .	Married	Clerk . . .	August 29, 1889 .	
Johnson, A. P.	Patrolman	33	5 11	240	Denmark . .	Married	Machinist	August 26, 1880 .	
Johnson, Geo . . .	Patrolman	43	6 2	225	Norway . . .	Married	Laborer . . .	July 30, 1887 . .	
Johnson, Hans J.	Patrolman	33	5 6	177	Norway . . .	Married	Sawyer . . .	May 1, 1886 . . .	
Kyrtind, John . .	Patrolman .	47	5 6	240	Sweden . .	Married	Plumber . . .	February 15, 1871	
Lawler, L . . .	Patrolman .	41	5 7	190	United States	Married	Tailor . . .	May 1, 1885 . . .	
Marlin, Peter . . .	Patrolman .	41	5 7	185	Norway . . .	Married	Sailor . . .	August 18, 1880 . .	
Nelson, Nels . . .	Patrolman .	45	5 11	215	Sweden . .	Single	Railroad . . .	June, 1894 . . .	
Powers, M. G.	Patrolman .	50	5 11	190	Denmark . .	Married	Blacksmith	July 1, 1901 . . .	
Quist Peter . . .	Patrolman .	28	5 10	168	United States	Married	Miller . . .	May 1, 1884 . . .	
Sevior, John G . .	Patrolman .	31	6	200	Norway . . .	Married	St. foreman	July 10, 1890 . .	
Stafar, Thos . . .	Patrolman .	30	6 9	180	Sweden . .	Married	Lumberman	June 8, 1886 . . .	
Stevenson, Nels . .	Patrolman .	30	6 9	165	Hobemia . .	Married	Laborer . . .	May 1, 1880 . . .	
Stewart, Mike . .	Patrolman .	40	6 8	180	Germany . .	Married	Carpenter . .	November 20, 1884	
Stewart, Jno . . .	Patrolman	43	5 11	182	Denmark . .	Married	Boiler maker	August 1, 1888 . .	

Of two years

ROSTER MINNEAPOLIS POLICE DEPARTMENT.—Continued.

Name	Rank.	Age.	Height.	Weight.	Nativity.	Married or single.	Former occupation.	First appointed	Promoted
Fifth Precinct.									
Coffin, Fred E	Lieutenant ..	35	5 9	180	United States	Married	Miller ..	April 18, 1893	{ Sergeant, April 22, 1886; Lieut., July 1, 1890.
Almour, Wm	Mounted sergt.	34	5 10	162	Canada ..	Married	Baker ..	January 6, 1887 ..	Mounted sergt May 1, 1891
Linehan, P. W.	Mounted sergt.	35	5 9	165	Ireland ..	Married	Coachman ..	November 1, 1887 ..	Mounted sergt Oct. 1, 1891
Gorey, John D.	Sergeant ..	32	5 11	200	United States	Married	Lumberman ..	April 18, 1893	Sergeant April 25, 1890.
Thompson, D. L.	V. S. and Jailer	37	5 8	200	Canada ..	Married	Painter ..	February 2, 1890 ..	
Metzger, Chas	Jailer ..	43	5 11	228	United States	Married	Contractor ..	June 18, 1889 ..	
Devcray, Martin ..	Mounted patrol	44	5 9	205	Canada ..	Married	Contractor ..	April 18, 1893 ..	
Pickett, D. E.	Mounted patrol	47	5 10	190	United States	Married	Contractor ..	April 30, 1896 ..	
Guthrie, Marcellus ..	Mounted patrol	44	5 10	180	Canada ..	Married	Contractor ..	April 10, 1894 ..	
Sneddy, Martin	Mounted patrol	51	5 10	183	Norway ..	Married	Merchant ..	April 30, 1900 ..	
Matheson, Henry ..	Mounted patrol	39	5 6	168	Scotland ..	Married	Laborer ..	April 30, 1900 ..	
Moan, E. W.	Mounted patrol	34	5 6	167	United States	Married	Cook ..	August 1, 1896 ..	
Williamson, F. J.	Mounted patrol	38	5 10	170	United States	Married	Soldier ..	June 30, 1887 ..	
Munichson, N. B.	Mounted patrol	45	5 8	172	United States	Married	Plasterer ..	November 1, 1887 ..	
Provost Ames	Mounted patrol	45	5 10	222	Canada ..	Married	Millman ..	May 1, 1896 ..	Off two years.
Robinson, J. H.	Mounted patrol	31	5 8	173	New Brunswick	Married	Stockman ..	June 1, 1890 ..	
Gezwell, H. L.	Mounted patrol	49	5 11	179	United States	Married	Stockman ..	April 24, 1896 ..	
Shepherd, F. C.	Mounted patrol	43	5 6	160	United States	Married	Lumberman ..	April 1, 1894 ..	Off two years.
Fox, Wm	Mounted patrol	34	5 10	180	Ireland ..	Married	Stockman ..	June 30, 1896 ..	
Johnson, H. J.	Mounted patrol	32	5 10	175	Ireland ..	Married	Bridge b'ld'r	April 30, 1896 ..	
Sheehan, Jas	Mounted patrol	34	5 11	160	United States	Married	Miller ..	June 18, 1889 ..	
Fay, Jno C	Mounted patrol	37	5 11	210	United States	Married	Lumberman ..	June 30, 1887 ..	
Hannon, Jno	Foot patrol	34	5 1	178	Ireland ..	Single	Carpenter ..	May 18, 1887 ..	
Hahn, W. H.	Foot patrol	45	5 8	168	United States	Married	Millwright ..	February 2, 1899 ..	
Plumer, R. A.	Foot patrol	40	5 10	205	United States	Married	Clerk ..	August 1, 1890 ..	
Pohi, H. M.	Foot patrol	33	5 10	188	United States	Married	Engineer ..	August 1, 1890 ..	
Bean, A. L.	Foot patrol	31	5 11	203	United States	Married	Carpenter ..	November 1, 1887 ..	
Drake, F. M.	Foot patrol	42	5 10	181	United States	Married	Conductor ..	February 20, 1899 ..	
Warner, O. A.	Foot patrol	35	5 8	175	United States	Married	Clerk ..	November 1, 1887 ..	Off nine months

ANNUAL REPORT

CLERK OF MUNICIPAL COURT.

1891.

JUDGES.

HON. CHARLES B. ELLIOTT,	-	-	-	-	Judge.
HON. STEPHEN MAHONEY,	-	-	-	-	Special Judge.

HENRY J. ALTNOW,	-	-	-	-	-	Clerk.
A. E. ALLEN,	-	-	-	-	-	Deputy Clerk.
ORCAR J. SMITH,	-	-	-	-	-	Deputy Clerk.
THOS. E. NEWLOVE,	-	-	-	-	-	Stenographer.

COURT OFFICERS.

ALEX. J. MULLEN,	-	-	-	-	-	Sergeant.
WASHINGTON PEIRCE,	-	-	-	-	-	Court Officer.
JOHN BYRNES,	-	-	-	-	-	Court Officer.
JOHN C. CAMPBELL,	-	-	-	-	-	Court Officer.
PHIL. T. MEGAARDEN,	-	-	-	-	-	Court Officer.
WALTER EHRlichman,	-	-	-	-	-	Court Officer.

MUNICIPAL COURT REPORT.

MINNEAPOLIS, MINN., Jan. 9th, 1892.

To the Honorable City Council of the City of Minneapolis:

GENTLEMEN:—I herewith submit the following report for the Municipal Court for the year ending Dec. 31, 1891.

For information regarding the business of my office, I would respectfully call your attention to the accompanying tabulated statements, as shown by the records now on file in my office, viz.:

CONVICTIONS UNDER THE STATUTES.

OFFENSE CHARGED.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Adultery.....	2	1	1	1	3	3	1	1	1	1	3	1	25
Assault.....	12	10	12	14	10	12	13	26	18	11	13	15	179
Assault and battery.....	1	1	2	2	2	3	3	3	4	5	3	2	37
Abusive language.....	1	1	4	1	1	1	2	1	1	1	2	1	19
Bastardy.....	3	1	1	1	1	1	1	1	1	1	1	1	1
Bench warrants.....	3	1	1	1	1	1	1	1	1	1	1	1	12
Burglary.....	3	1	1	1	1	1	1	1	1	1	1	1	1
Buying and secreting stolen property.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Contempt of court.....	3	1	1	1	1	1	1	1	1	1	1	1	1
Cruelty to animals.....	3	1	1	1	1	1	1	1	1	1	1	1	11
Embezzlement.....	1	1	1	1	1	1	1	1	1	1	1	1	8
Forgery.....	1	1	1	1	1	1	1	1	1	1	1	1	4
Fornication.....	3	1	1	1	1	1	1	1	1	1	1	1	6
Grand larceny.....	3	4	3	3	9	3	3	5	4	3	3	3	58
Habitual drunkard.....	3	2	2	4	1	2	2	1	1	2	1	1	20
Health.....	1	2	2	1	1	1	1	1	1	1	1	1	1
Incorrigibility.....	1	2	2	1	1	1	1	1	1	1	1	1	12
Maliciously injuring property.....	1	1	1	1	1	1	1	1	1	1	1	1	7
Murder.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Petit larceny.....	40	22	25	21	16	15	19	21	24	25	26	45	301
Receiving stolen property.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Robbery.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Miscellaneous.....	3	6	5	2	1	8	1	5	10	5	3	12	68
Arson.....	1	1	1	1	1	1	1	1	1	1	1	1	2
Conspiracy.....	1	1	1	1	1	1	1	1	1	1	1	1	9
Total.....	68	50	60	54	45	61	63	60	72	60	66	68	737

OFFENSE CHARGED.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Careless driving	1	1	2	4	3	6	15	13	7	4	5	1	83
Common prostitutes	21	23	26	36	45	46	30	43	42	15	1	1	437
Disorderly conduct	135	101	124	146	115	157	142	153	157	179	224	211	1,899
Drunk	3	2	1	2	1	6	1	1	13	1	3	1	75
Found in house of ill-fame	1	1	1	2	1	1	1	1	1	1	1	1	13
Gambling	20	13	10	13	17	21	20	24	34	24	28	24	254
Indecent exposure	2	2	2	2	1	1	3	3	2	1	2	1	21
Keeping house of ill-fame, etc.	1	4	2	2	1	5	1	1	3	1	2	1	21
Keeping gambling rooms	1	2	2	2	1	1	1	1	1	1	1	1	11
Keeping vicious dog	59	53	34	27	38	49	62	85	21	34	45	88	542
Vagrancy	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating bathing ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating building ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating hack, express, etc., ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating fire ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating health ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating liquor ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating park ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating pedlar's ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating sidewalk ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Violating street ordinance	1	1	1	1	1	1	1	1	1	1	1	1	12
Miscellaneous	3	1	1	1	10	9	10	10	4	1	7	3	56
Total convictions under ordinances	252	214	283	353	249	338	303	304	339	380	416	355	3,515
Total convictions under statutes	68	50	60	54	45	51	53	60	72	59	66	89	757
Total by months	321	264	343	407	294	387	373	372	376	388	440	506	4,302
Grand total	389	314	403	461	339	438	426	432	458	477	506	595	5,059

RECEIPTS, ETC., OF THE MUNICIPAL COURT, OF THE CITY OF MINNEAPOLIS, FOR THE YEAR 1901.

	Number convicted including grand jury cases.	Number discharged	Number committed to work house	Number committed to Reformatory school	Number committed on sentence to county jail.	Number held to await action of grand jury	Number of sentences suspended at time of trial	Number of sentences suspended after commitment.	Total amount of fines assessed.	Amount of fines paid before commitment.	Amount of fines paid after commitment.	Amount of fines paid city as per monthly report, vouchers deducted.	Number of new civil cases commenced.	Amount of fees paid city in civil cases, as per monthly report, vouchers deducted.	Net amount paid city as per monthly reports.	Total cash received from all sources during the year including bail deposited by amount paid into court by officers collected on exactions, etc.
January, ..	291	36	173	29	12	115	532	86	\$75,604 99	\$31,043 86	\$1,172 00	\$25,965 73	2,652	3,794 23	\$38,880 06	\$71,330 91
February, ..	264	61	137	29	12	115	532	86	85,734 40	\$2,340 40	\$22 00	\$2,362 40	190	2,773 70	\$2,556 00	3,136 70
March, ..	252	60	144	29	12	115	532	86	4,701 00	1,841 00	22 00	1,863 00	395	2,773 70	2,136 70	3,136 70
April, ..	307	58	103	29	12	115	532	86	4,173 00	2,672 00	49 00	2,721 00	251	3,112 02	2,011 22	2,525 22
May, ..	234	43	103	29	12	115	532	86	4,584 00	2,552 00	81 00	2,633 00	252	3,284 53	2,382 84	3,282 84
June, ..	387	68	142	29	12	115	532	86	4,867 00	2,305 00	117 00	2,422 00	213	3,201 02	3,201 02	3,201 02
July, ..	375	96	113	29	12	115	532	86	4,869 00	2,627 00	311 00	3,006 00	184	3,254 55	3,254 55	3,254 55
August, ..	372	50	112	29	12	115	532	86	4,703 20	2,627 00	153 00	2,780 20	111	3,254 55	3,254 55	3,254 55
September, ..	378	66	116	29	12	115	532	86	5,703 45	2,640 45	153 00	3,063 45	233	4,414 83	4,414 83	4,414 83
October, ..	438	46	141	29	12	115	532	86	5,083 20	2,644 40	150 00	2,794 40	229	4,414 83	4,414 83	4,414 83
November, ..	449	59	171	29	12	115	532	86	6,083 10	2,645 00	221 00	2,866 00	226	4,414 83	4,414 83	4,414 83
December, ..	506	36	237	29	12	115	532	86	9,549 40	3,318 45	110 00	4,528 45	214	4,414 83	4,414 83	4,414 83
Totals, ..	4,382	666	1,083	29	12	115	532	86	\$75,604 99	\$31,043 86	\$1,172 00	\$25,965 73	2,652	3,794 23	\$38,880 06	\$71,330 91

The municipal court is a court of record, and the judges have the general power of judges of courts of record.

It has two judges, one clerk, and two deputies and one stenographer, with one sergeant and five officers for special service.

In the civil department the regular terms are held on the first and third Tuesdays of every month, July and August excepted. Special terms are held every Tuesday throughout the year. Its jurisdiction extends to all suits of law where the amount in controversy does not exceed five hundred (\$500.00) dollars. Where no provision is otherwise made, it is vested with all the powers which are possessed by the district courts of the state, and all laws of a general nature apply to it so far as they can be made applicable, and not inconsistent with the special act creating the court. The jurisdiction is co-extensive with the limits of Hennepin county.

It has no jurisdiction in equity cases, nor in suits involving the title to real estate, nor for divorce.

In the criminal department it has the general jurisdiction of a justice of the peace and exclusive jurisdiction of all offenses against the city ordinances.

It is open every day except Sundays and legal holidays.

The general practice is the same as in district courts, and a jury is in attendance on the second day of every general term, and remains as long as needed.

The business of the court has constantly increased since its organization, and particularly the civil department, which has exceeded that of the preceding year by nearly 13 per cent, while the convictions and arraignments, (total criminal business,) has fallen off about 5½ per cent from that of the preceding year, and felonies, cases that are considered by the grand jury and tried in the district court, have fallen off nearly 13 per cent from the preceding year, and the number committed to the workhouse has likewise fallen off about 1½ per cent from that of the preceding year.

The amount of fees collected in civil cases has exceeded that of the previous year by about 2½ per cent.

The receipts of fines has been less than that of the preceding year by nearly 11 per cent, which fact is due to a large number of cases being appealed to the supreme court, the enforcement of the judgment having been stayed until the final determination in the appellate court. If the fines in these cases had been paid the receipts would this year exceed those of last.

The amount of money collected by officers on execution or paid into court in civil actions was \$4,452.60.

The amount of bail forfeited and paid to bar association \$425.00.

There were 1,321 judgments entered in civil actions, of which 1,004 were entered on default.

The total expenditures of the court for the year amount to \$15,661.60, which does not include court officers' salaries.

The amount of \$40.90 was paid to the county treasurer and \$50 to the state treasurer, being for fines and costs collected in criminal cases, and placed to the credit of the proper funds according to law.

The receipts and amounts paid into the city treasury during the year, in my department, have been \$38,889.96, and the expenditures have been \$15,661.60, being a net gain of \$23,228.36, or the receipts have exceeded the expenditures about 59½ per cent.

Total amount of money received by me from all sources and paid to the parties entitled thereto, during the past year, has been \$71,330.91.

Respectfully submitted,

HENRY J. ALTNOW,

Clerk Municipal Court.

ANNUAL REPORT
DEPARTMENT OF HEALTH.
1891.

DEPARTMENT OF HEALTH.

City of Minneapolis.

HON. P. B. WINSTON, Mayor.

COUNCIL COMMITTEE:

Alderman H. W. BRAZIE, M. D., Chairman. Alderman J. S. GRAY.
Alderman F. A. SCHWARTZ, Secretary.
E. S. KELLEY, M. D., Commissioner of Health.

EMPLOYES:

C. B. DOLLENMAYER, Chief Clerk.

Medical Inspectors:

W. E. LEONARD, M. D. A. K. NORTON, M. D.
C. A. MCCOLLOM, M. D.

Sanitary Inspectors:

G. J. TURNER,	J. A. ARNESON,	J. S. WOODBURY,
C. S. GETZ,	IRAD. MCCLATCHIE,	R. L. WOODWORTH,
	CHAS. MCALLISTER.	

Quarantine Hospital:

WM. BOYER, Superintendent, MARGARET BOYER, Matron.

Dump Police:

GEO. A. KELLY. A. H. GOODSPEED.

DEPARTMENT OF HEALTH.

To the Honorable P. B. Winston, Mayor, and the Honorable City Council of the City of Minneapolis:

GENTLEMEN:—I herewith submit the annual report of the Department of Health for the year ending December 31st, 1891, and with it such suggestions as seem to me appropriate at this time.

The general health of the city has been remarkably good, the mortality reports exceedingly low, and contagious diseases mild in character. The continuation of this healthful condition is the object of this department, but to maintain it radical changes must be made. Sewer connections and city water should take the place of cesspools, vaults and wells. Property owners should be compelled by a city ordinance to connect their buildings with sewers and water mains, regardless of expense, when sewers and water mains are within a reasonable distance of their property. The substitution of bricks for pavement instead of cedar blocks is worthy your careful consideration. The draining of Hoags lake, and the abatement of that intolerable nuisance after years of fruitless effort, has been a victory for the department.

The solution of the garbage question has not yet been reached, and the objectionable method of dumping refuse into the river still continues. This is the only available avenue open at present. The quantity dumped is enormous, from 200 to 400 tons per day, consisting of all kinds of refuse, which lines the shores and the bottom of the river, interfering with navigation and contaminating the water for more than ninety miles below our city. To stop this contamination and prevent further pollution our department visited several cities, examining the systems in use, the Merz system, cremation and natural. Some cities have both systems, notably Milwaukee and Detroit. The Merz system plant costs about \$100,000, and the people refused to endure any longer the horrible stench produced and have had injunctions served abolishing the system within the city limits. Crematories can be carried on successfully and effectively without objectionable odors, but it would require about four furnaces to consume our daily refuse. On account of the unsatisfactory conditions of sanitary matters in other cities and their costly experience with that which proved unsatisfactory, our department recommend the adoption of cremation as the least objectionable method. In my opinion the proper solution of this problem will be found in returning all of the material to the farming districts for fertilizing purposes, and steps have already been taken in that direction which I hope will materialize before another year passes.

SCAVENGER SERVICE.

Upon the whole, the scavenger system has been satisfactory to the department. Inspections of wagons have been made at certain times, and the scavengers have endeavored to keep the wagons in good condition.

Owing to the temporary location of the dump the department did not deem it proper to invest several hundred dollars in supplying water for washing the wagons, although realizing the desirability, and as soon as permanent dumping grounds are secured all modern conveniences will be perfected. I am of the opinion that the adoption of a regulation wagon to be used by all persons engaged in the scavenger business, would tend to better sanitation and prevent littering our streets with refuse material. During the past year this department has issued 3,341 permits for cleaning vaults and cesspools.

PUBLIC INSTITUTIONS.

During the year the following public institutions were examined: Northwestern Hospital, City Hospital, St. Barnabas Hospital, Homœopathic Hospital, Bethany Home, Soldiers Home, St. Mary Hospital, Maternity Hospital, Sheltering Arms, House of Good Shepherd, Church Home for Babies, St. Anthony Hospital, House for Aged (Catholic), Quarantine Hospital and Deaconess' Home (Lutheran). Factories and other large institutions where a number of persons are employed daily, are being inspected as rapidly as our limited force will permit. House inspection has received some attention, and during the winter we hope to complete the central portion of the city. So far we have examined 2,924 houses, an increase over any previous year in the history of our city.

QUARANTINE HOSPITAL.

During the past year 35 persons were sent to the Quarantine Hospital. Of this number 25 were suffering from contagious diseases and the 10 others were quarantined to prevent disseminating contagion. There were 9 cases of diphtheria, 4 cases of erysipelas, 5 cases of scarlet fever, 6 cases of measles and 1 case of septicaemia. There were 3 deaths, 1 from diphtheria, 1 from measles and 1 from erysipelas. All medical services were rendered by the medical inspectors and your commissioner, without any special remuneration.

In conclusion, and for your careful consideration, I would refer you to the following tables pertaining to expenditures, sanitation, vital statistics, mortuary reports, work of medical inspectors, etc., evidencing the work done by medical and sanitary inspectors.

EXPENSES OF THE DEPARTMENT OF HEALTH FOR THE YEAR ENDING DECEMBER 31, 1891.

Salaries	\$12,653 13	
Drugs and disinfectants	332 14	
Vaccine virus	15 00	
Postage	67 06	
Books, printing and stationery	896 22	
Telephone and telegraph service	75 00	
Scavenger service	1,288 10	
Dumps	319 66	
Incidentals	623 62	
Blacksmithing and hardware	17 58	
Total		\$17,287 14

QUARANTINE HOSPITAL.

Salaries	\$698 50	
Drugs and disinfectants	39 11	
Provisions	237 61	
Fuel and incidentals	964 49	
Total		\$2,039 71
Grand total,		\$19,316 85
Appropriation for 1891	\$25,000 00	
Balance not used	5,683 37	

TOTAL WORK OF THE MEDICAL INSPECTORS 1891.

Houses placarded.....	200
Placards removed.....	443
Houses inspected.....	782
Diphtheria inspected.....	249
Scarlet fever inspected.....	756
Measles inspected.....	298
Typhoid fever inspected.....	570
Letters dictated.....	129
Written reports.....	621
Special reports.....	443
Dead animals reported.....	20
Nuisances reported.....	320
Nuisances inspected.....	6
Visits to quarantined animals.....	1

Besides the work shown in the above table, the medical inspectors have done daily duty with the sanitary inspectors, assisted in keeping the records of vital statistics and monthly reports, transcripts of births and deaths for the State Board of Health, special examination of scavenger wagons, factories, public and private buildings, etc.

Respectfully submitted,

E. S. KELLEY, M. D.

Commissioner of Health.

REPORT OF CONTAGIOUS DISEASES AND BIRTHS.
COMPILED BY A. K. NOETON, M. D., MEDICAL INSPECTOR.

DIPHTHERIA.

Number of Cases and Deaths Reported during the Year 1891.

WARDS.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Totals for wards.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
First.	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Second.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Third.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fourth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fifth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sixth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Seventh.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Eighth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ninth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tenth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Eleventh.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Twelfth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Thirteenth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Totals for Mo.	34	15	31	13	36	7	30	3	33	13	34	5	22	8	24	4	30	9	45	14	34	11	32	11	268	104

SCARLET FEVER.
Number of Cases and Deaths for year 1891 as Reported.

WARDS.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Totals for wards.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
First.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Second.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Third.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fourth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fifth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sixth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Seventh.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Eighth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ninth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tenth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Eleventh.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Twelfth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Thirteenth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Totals for m'th	48	1	26	1	51	2	57	3	44	1	57	4	58	1	73	1	104	9	138	15	729	40				

CITY OF MINNEAPOLIS.

MEASLES.
Number of Cases and Deaths Reported During Year 1891.

WARD.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Totals for wards.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
First.	3	1	11	1	12	1	12	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Second.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Third.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fourth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fifth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sixth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Seventh.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Eighth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ninth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tenth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Eleventh.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Twelfth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Thirteenth.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for month.	20	1	25	2	104	3	140	1	140	2	176	3	60	1	41	1	17	1	23	1	164	2	220	6	1,306	17

BIRTHS BY WARDS REPORTED DURING 1901.

WARDS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
First.....	12	11	11	5	7	10	19	16	27	23	32	14	167
Second.....	7	8	8	12	14	20	15	6	11	26	19	16	163
Third.....	44	50	46	33	35	34	58	96	57	53	52	43	636
Fourth.....	12	23	21	23	23	33	16	24	32	34	26	25	291
Fifth.....	14	16	11	22	24	19	14	20	18	23	23	23	222
Sixth.....	41	32	35	35	35	30	46	48	45	36	33	26	451
Seventh.....	18	17	21	21	17	19	25	26	21	19	19	16	232
Eighth.....	23	20	29	30	30	26	30	19	16	24	20	16	271
Ninth.....	31	28	25	30	34	21	22	34	35	39	22	21	320
Tenth.....	10	8	7	6	6	17	13	17	11	11	11	16	139
Eleventh.....	50	53	30	36	51	34	44	63	32	30	27	27	448
Twelfth.....	12	9	13	10	10	16	16	4	17	16	13	12	146
Thirteenth.....	7	9	15	4	7	10	7	6	7	8	11	3	91
Not stated.....	8	7	4	4	13	6	3	4	1	..	..	..	51
Total.....	271	268	272	264	321	331	326	327	338	344	328	266	3,676

BIRTHS BY MONTHS, 1901.

BIRTHS BY MONTHS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Males.....	140	137	164	122	164	180	172	174	167	171	156	178	1,908
Females.....	128	144	126	113	129	135	172	206	161	168	127	132	1,776
Twins. { Male.....	1	3	..	2	1	3	5	2	6	4	..	3	29
{ Female.....	3	2	..	2	2	3	4	2	6	3	1	3	30
{ Male.....	5	1	..	2	..	4	2	2	6	2	2	1	21
{ Female.....	..	..	..	..	..	..	..	1	Not	2	..	..	3
{ Male.....	..	..	..	..	..	..	..	2	st'd	1	..	..	3
{ Female.....	..	..	..	..	..	..	..	..	..	1	..	..	3
Unknown.....	..	..	..	1	..	..	1	..	1	3	1	2	7

Since making out monthly report for December we have added births for December 37, and for the year 75, making grand total number of births during the year 3750, which we were unable to tabulate.

REPORT OF SANITARY INSPECTIONS.

C. A. MCCOLLOM, M. D., MEDICAL INSPECTOR.

For the purpose of proper sanitary inspection the city is divided into six sanitary districts. Each district is placed in charge of a sanitary inspector who has police powers and whose duty is to report and examine all nuisances and violations of the sanitary code and perform such other duties as may be intrusted to him, the inspection of complain's being both those examined and reported by himself and all other complaints from all sources which are reported to the office. The report of nuisances reported inspected and completed, including police complaints, house inspections, alley and dumping notices, see tabulated report of inspectors relating to nuisances, table No. 1.

Part of the duties of the inspectors are, upon the receipt of notification of contagious disease, to placard the house in which said disease is located, and upon recovery of the same to remove the placard and disinfect the house after proper examination by the medical inspector and receipt of their report, also to attend funerals of deaths by contagious diseases. The tabulated report is herewith appended in table No. 2. In addition to the duties already detailed, one of the inspectors has had jurisdiction over glandered horses, has made a specialty of this department, inspected and examined horses on the street and in barns, quarantined, killed, and seen to it that proper precautions have been taken in matters relating to glanders. Tabulated report of number of animals killed, examined, visited and barns inspected is hereby appended in table No. 3. A detailed and itemized report of the various nuisances which have been reported and examined by the force during the year, by wards and months, is herewith appended in tables No. 4 to 16 inclusive.

TABLE No. 1.

TABULATED REPORT OF INSPECTORS RELATING TO NUISANCES

1891.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
No nuisances reported	113	87	133	873	792	735	472	694	428	473	242	147	5,160
No nuisances inspected ..	62	44	63	166	490	827	793	562	619	535	400	176	5,044
No nuisances reinspected ..	149	91	115	608	1,032	926	780	815	585	568	272	134	6,205
No. new complaints received ..	...	...	35	37	244	245	176	161	137	82	34	47	1,100
No police complaints ..	...	...	72	151	88	99	31	26	24	17	2	...	610
No. houses inspected.....	5	7	20	11	4	12	22	5	15	18	601	1,436	2,144
No written notices served ..	1	...	7	15	2	6	4	3	7	2	4	3	50
No alley and dumping notices posted	16	...	34	121	168	111	86	95	86	119	44	26	886
No. dumping places inspected	...	...	1	3	56	29	20	29	15	16	4	1	174
No. dead animals reported	32	18	65	105	80	54	38	20	32	68	22	...	556
No. letters, etc., delivered.	80	130	176	214	177	179	115	133	124	176	182	144	1,840

TABLE NO. 2.

TABULATED REPORT OF INSPECTORS RELATING TO CONTAGIOUS DISEASES

1891.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Houses placarded, diphtheria.	20	23	20	17	20	20	15	19	20	23	31	217	
Houses placarded, scarlet fever.	24	32	30	30	35	35	32	32	43	66	106	433	
Houses placarded, measles.	24	31	31	115	44	31	31	19	100	177	742		
Placards removed, diphtheria.	17	13	9	14	12	13	14	10	13	22	141		
Placards removed, scarlet fever.	16	19	23	23	27	25	25	31	31	35	55	304	
Placards removed, measles.	37	49	62	62	65	65	25	19	5	37	150	496	
Houses disinfected, diphtheria.	19	16	15	16	17	27	27	24	19	26	104	196	
Houses disinfected, scarlet fever.	22	14	35	32	30	30	31	30	54	59	293	393	
Houses disinfected, measles.	2	3	4	3	7	4	4	12	13	18	70	70	
Funerals attended.	2	3	4	3	7	4	4	12	13	18	70	70	

TABLE No. 3.

TABULATED REPORT OF INSPECTORS RELATING TO GLANDERS

1891.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Animals examined on st & barns	28	10	4	3	2	2	13	10	10	13	13	76	237
Quarantined animals visited.	1				2			15	13	2	2		35
Quarantined animals killed								2	2	2	2		8
Barns inspected		24	2	3	2	2	13	17	27	71	25	22	244

TABLE NO. 4.

TABULATED ITEMIZED REPORT OF INSPECTORS RELATING TO
NUISANCES, 1891.

WARD No. 1.

[illegible]

TABLE NO. 4 -Continued.

WARD No. 2.

	January.	February.	March	April	May.	June	July.	August	September.	October	November.	December.	Total
Manure				19	17	3	10	5	3	3	3		62
Dirty alley				3	3	1							4
Garbage in street or alley ..				1	1								2
Garbage in yard				3	15	6	3	2			1		30
Filthy alley or basement			1		1								2
Slops in street or alley												1	1
Slops in yard				2	3	3		2	2				10
Inspector wanted			2	2	3	2	2						11
Ashes in yard				2	3	10	11	2	2	1	6	1	46
Filthy vaults			2	2	9								13
Filthy cesspools							3	1	1	1	4		10
Filthy premises				1	3		2						7
Butcher's offal					1								1
Grocer's rubbish					2								2
Rubbish					2			1	2				5
No cause for complaint												1	1

WARD NO. 3.

	January.	February.	March	April	May.	June	July.	August	September.	October	November.	December.	Total
Manure		1	2	54	75	48	38	33	29	26	4	1	311
Dirty alleys					1	4	2	2		2			11
Dead animals						1	3	1	1		1		6
Garbage in street near alley ..	3		12				1		1	2	3		29
Garbage in street near yard ..	3	1	3	45	55	60	28	26	34	25	4	8	292
Filthy cellar or basement				1	3	1				2	2		9
Slops in street or alley	2	6	11		5	4	4		2			2	57
Slops in street or yard				1	4	3	3	1	2	7	1		33
Inspector wanted	2			1	11	12	6	2	1	1		2	40
Swill						1							3
Ashes in street or alley	2	2	3										7
Ashes in yard					1								1
Filthy vaults	1	2	12	29	32	35	30	41	39	44	26	14	205
Buried vaults					3		2						5
Filthy cesspools	1	1		10	12	7	4	11	1	7	4	3	61
Filthy premises				3	3		11	2	1	6	1	1	28
Butcher's offal				1									1
Grocer's rubbish		1	1		1			6		2			11
Dumping on street or lot				2		1							3
Filthy water closets												1	1
Rubbish					1	3		1					5
No cause for complaint							14			1			15
Butchers killing calves				1									1
Stagnant water										2			2
Keeping doves										1	1		2
Referred to plumbing inspector ..							1	1					2

WARD NO. 4.

	January.	February.	March	April	May.	June	July.	August	September.	October	November.	December.	Total
Manure		1	3	64	33	32	20	24	15	23	13	3	238
Dirty alley				20	7	8	7	2	8	3	2	1	63
Dead animals				2	1	1	2	2			1		9
Garbage in street or alley	4			7	1	1	1	3		3		1	19
Garbage in yard	3	7	19	63	40	42	28	35	20	16	13	9	315
Filthy cellar or basement				8	2	1			1	1	4		19
Slops in street or alley	7	1	1	3	1	3		1	2	1	4	1	25
Slops in yard			2	4	3	7	4	2		1	2		24
Inspector wanted	1		2	5	6	3	8	5	2			2	34
Swill						1			1				2
Ashes in street or alley		3	1	8									14
Ashes in yard			2	22	13	7	2		1				40
Filthy vaults	2	4	12	45	19	36	28	41	28	20	22	16	285
Filthy cesspools	1			8	9	7	7	9	3	3	1		40
Filthy premises				33	22	11	13	10	11	5	3	3	111
Butcher's offal	2	1		2	1		1		1	1			9
Grocer's rubbish				3	3	20	7	8	4	1			50
Dumping on street or lot			2	3	2	2							6
Filthy water closets	3	4	2	1	4	2	2		2	1			19
Rubbish				3	2	2	4						13
No cause for complaint						1	1	5				2	11
Filthy drain pipes etc				3									3
Rotted cheese cases						17							17
Old wells, used as cesspools								7					7
Damaged fruit cases						50	24	20					94
Referred to plumbing inspector ..							2	3					5

TABLE NO. 4.—Continued.

WARD NO. 5.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Filthy cisterns.....				28	85	2	14	5	1	18			9
Manure.....	1	3		10	19	38	4	12	23				200
Dirty alley.....				1		3	3	4	5				20
Dead animals.....	1	1		1		2							6
Garbage in street or alley.....	1												1
Garbage in yard.....	7	9	61	71	35	51	27	28	31	15			315
Filthy cellar or basement.....		1				8	1	1	1	1			6
Shops in street or alley.....			1			1	1	4	2	1			10
Shops in yard.....						5	4	1	1				12
Inspector wanted.....			4	6	8	8	4	3	3	1			38
Swill.....			1	1		6	6						20
Ashes in street or alley.....	1			1									2
Ashes in yard.....		2	27	10		2							40
Filth, vaults.....	4	13	34	42	37	44	38	46	31	25			285
Filthy cesspools.....	1	1	13	13	11	11	8	6	6	5			66
Filthy premises.....	1	1	22	18	27	11	17	4	2	5			106
Butcher's offal.....				1									2
Grocer's rubbish.....				1	2								3
Filthy water closets.....	1			3	3	1	3	1	1	1			11
Rubbish.....			3	4	4	1	3	5	1	4			30
No cause for complaint.....				1									1
Filthy dairy.....													
Filthy store.....				1									1

WARD NO. 6.

Manure.....	5	17	7	11	2	2	31		4	5			70
Dirty alley.....						1							2
Dead animals.....													1
Garbage in street or alley.....	2												2
Garbage in yard.....		1	25	43	25	22	30	14	22	1			190
Filthy cellar or basement.....				5		1	2		1				9
Shops in street or alley.....	18	10	1	1			2	2	1				37
Shops in yard.....			1		1		2		1				7
Inspector wanted.....			9	4	20	5	1	3					42
Ashes in yard.....				1									1
Filthy vaults.....	1		18	35	22	14	105	15	34	12	6		265
Filthy cesspools.....		1	1	4	4	2	10	1	6	1			32
Filthy premises.....			1	5	4		1	4	2				24
Butcher's offal.....			1	3	2		1	1					7
Grocer's rubbish.....													1
Filthy water closets.....			1	3		2							6
Rubbish.....				1	1			1	1	1			5
No cause for complaint.....			4	2	3	5	3	6	3	1			28

WARD NO. 7.

Filthy houses.....				3									3
Manure.....	8	4	15	40	22	40	23	15	11	10	2		200
Dirty alley.....	2			6	4	6		4		1			25
Dead animals.....			1										1
Garbage in street or alley.....			2	29		1							32
Garbage in yard.....				10	22	52	21	4	4	4	3		123
Filthy cellar or basement.....								1	1				2
Shops in street or alley.....			1			1	1						3
Shops in yard.....			2			2							7
Inspector wanted.....				3		2							7
Ashes in street or yard.....				5	1	5	1						16
Filthy vaults.....	6	5	1	11	26	29	18	15	9	3	4		122
Buried vaults.....													1
Filthy cesspools.....						1	7	1					9
Filthy premises.....				1	3	1							5
Butcher's offal.....							1						1
Dumping on street or lot.....											1		2
Filthy water closets.....				1	1		2						4
Rubbish.....				1		2	6						10
No cause for complaint.....				2	2				1				11
Open drain.....					3								3

Manure	1	2	7	6	1	2	1	21
Dead animals	2	2	3	3	11	2	1	21
Garbage in yard	2	1	3	11	2	1	21	
Slopes in street or alley	7	2	2	2	11	2	1	21
Inspector wanted	7	2	2	2	11	2	1	21
Filthy vaults	7	2	2	2	11	2	1	21
Buried vaults	7	2	2	2	11	2	1	21
Filthy cesspools	7	2	2	2	11	2	1	21
Filthy premises	7	2	2	2	11	2	1	21
Butcher's offal	7	2	2	2	11	2	1	21
Dumping on street or lot	7	2	2	2	11	2	1	21
Rubbish	7	2	2	2	11	2	1	21

TABLE NO. 4—Concluded.

WARD No. 11.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total
Manure	11	4	15	23	25	12	3	16	14	13	3	4	154
Dirty alley				4	1	1	3		1				11
Dead animals ..		1			2				2				4
Garbage in street and alley ..		1				3	1						4
Garbage in yard	2	1		13	23	23	23	16	14	17			114
Filthy cellar or basement		1			1								2
Slops in street or alley	9	1		2	1		2	1		3			19
Slops in yard	1				3								3
Inspector wanted	1					4		2	1				8
Ashes in street or alley				2	1								3
Ashes in yard				4									4
Filthy vaults		5	3	13	2	23	16	27	19	28	13	1	176
Filthy cesspools	1			9	3	3	4	3		3			28
Filthy premises		1		2	3	3	4	4				1	19
Butcher's offal					1	1	1			1			3
Rubbish					1	1	1	1					3
No cause for complaint	1			1	2	3	4	3	3	1			26

WARD NO. 12.

Manure		2			2	4			1				9
Dirty alley					2								2
Garbage in yard	1					2	2			2			7
Filthy vaults							1		4	4			9
Buried vaults													1
Filthy cesspools								2	2				4
Filthy premises							1						1
No cause for complaint	1												1

WARD NO. 13.

Manure		2		6	3		7		2	2			22
Garbage in yard			2	5	1		1						9
Ashes in yard				1	2	1							4
Filthy vaults							2		4				6
Dumping on street or lot					1	2							3
Rubbish						1							1

THE MORTALITY TABLES.

COMPILED BY

WM. E. LEONARD, M. D., MEDICAL INSPECTOR.

These tables have been compiled with the greatest possible care, and will be found to contain much valuable and reliable information concerning the causes of death in Minneapolis during the year 1891, and, by comparisons, during previous years.

The classification of diseases upon which these are based, while "as scientifically correct as our present knowledge will permit" (former report of this department), scarcely answers all the detailed needs of a larger and more varied population, and will therefore be somewhat remodeled at the beginning of the coming year, thus corresponding with the tables sent out by the largest cities of this country.

This department experiences the same difficulties that like authorities do in all large cities in the collecting of statistics, viz., chiefly the issuance of careless certificates of death by the physicians. However, as the department continues to exercise close scrutiny over all certificates, there is evident more and more care upon the part of those issuing the same. The department earnestly requests, as have former officers, that such care continue, as it is not their desire to put in force the regulations necessary in larger cities, viz., the service of a police officer upon the physician who issues an incomplete or incorrect certificate, rather than as now, much trouble upon the part of the undertaker.

It will be noticed that all premature and stillbirths are now taken out of the monthly and yearly summaries, which is the more usual custom. Even with these added, we would still have reason to be very proud of our annual death-rate, which has steadily decreased in the last ten years from 25.3 per 1,000 in 1883 to 10.4 per 1,000 in 1891. (See Mortality table, No. 11.)

The coroner still certifies to many more deaths than the list of accidental and violent means would imply, mainly, as in years past, because of the delivery of so many stillbirths by incompetent midwives whose certificates of death cannot be accepted by the department. This discrepancy should be less as the new law of the last session of the legislature regulating the practice of midwifery is gradually enforced.

The table of comparisons of the principal causes of death (see Mortality table, No. 10) shows that as a city, we have not yet by any means reached an ideal state in sanitary matters, since the third, fourth and sixth most frequent causes of death are cholera infantum, diphtheria and typhoid fever, all preventable diseases. It is the constant aim of the department by their daily medical inspections to teach the citizens the absolute relation constantly existing between filth and disease, and, while this task is truly herculean, we think we can see some signs that the lesson is being

heeded. Main factors in this unfortunate mortality, literally "a slaughter of the innocents" in some sections of the city, is the cesspool system of the average householder, and, more commonly, the use of well-water polluted by drainage from an adjacent privy vault or cesspool. These cannot be remedied to any great degree until this department sees its way to a wholesale condemnation of such wells, and consequently compels householders to drink better water, and until the city council sees fit to compel sewer connections wherever a street sewer exists. If it were true that we had in Minneapolis a yearly mortality of either 127 (cholera infantum), 106 (diphtheria), or 93 (typhoid fever) from small pox, our population would melt away like dew before the summer sun; and yet these diseases are almost as preventable by cleanliness, and evidently far more fatal, than small pox.

MORTALITY TABLE NO. 1.

Mortality 1891—Summary.

CAUSES OF DEATH.	January	February	March	April	May	June	July	August	September	October	November	December	Totals. (Diseases.)
CLASS I—													
<i>General diseases</i>	82	67	80	67	78	81	133	95	78	82	68	70	997
Order 1. Preventable diseases.	69	51	62	50	60	59	106	75	65	60	54	60	770
2. Constitutional diseases	7	12	23	10	11	22	24	16	9	19	12	13	178
3. Miscellaneous diseases	6	4	4	7	6	—	4	4	4	3	2	6	49
CLASS II—													
<i>Local diseases</i>	93	85	168	99	70	69	89	82	54	73	60	68	1,065
Order 1. Nervous system.	20	20	31	29	32	18	19	29	11	25	13	21	256
2. Respiratory system	46	33	100	44	26	17	17	10	13	16	22	40	374
3. Circulatory system	12	13	11	8	6	12	10	4	8	9	11	23	127
4. Digestive system	16	8	18	7	16	18	38	32	14	12	10	7	194
5. Glandular system.	4	3	3	5	2	2	—	3	1	3	3	2	31
6. Genito-urinary system	5	8	5	0	7	4	7	4	7	8	7	5	73
CLASS III—													
<i>Accidental and violent means</i>	10	6	5	9	16	12	8	11	14	11	14	9	125
Totals, (months)	185	158	362	175	171	162	230	188	146	166	148	186	2,177
Premature births.	89	61	—	—	—	—	—	—	—	—	—	—	150
Still births.	89	57	—	—	—	—	—	—	—	—	—	—	146
Total.	149	108	20	21	18	23	23	27	27	14	24	15	257

MORTALITY TABLES, 1891.—DETAILED STATEMENT.

CAUSES OF DEATH	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CLASS I General Diseases.													
ORDER 1 Preventable Diseases.													
Typhoid fever	12	5	4	..	4	4	..	10	17	10	11	5	98
Diphtheria	16	12	9	..	..	..	..	4	9	14	5	7	106
Measles	1	..	3	1	..	..	..	..	..	..	..	..	17
Scarlet fever	1	..	1	1	..	..	1	4	1	1	2	6	30
Whooping cough	..	1	5	3	..	..	..	3	3	1	1	..	28
Cerebro spinal meningitis	2	1	1	1	..	..	..	5	1	1	1	..	19
Cholera infantum	1	..	4	1	2	..	5	31	17	5	3	1	127
(a) bottle fed	..	..	..	1	..	..	13	9	5	..	..	..	40
(b) breast fed	..	..	..	..	..	1	..	1	1	1	..	..	8
(c) not stated	1	..	4	..	..	..	46	18	11	4	..	1	79
Septicaemia	1	..	..	..	..	..	..	..	1	1	1	3	7
Pyæmia	..	..	1	1	1	..	1	..	..	1	1	..	5
Puerperal fever	..	..	..	..	..	..	1	..	..	1	..	..	2
Puerperal peritonitis	3	1	1	..	..	1	..	..	..	..	..	..	5
Puerperal septicaemia	1	1	..	..	1	1	1	1	1	1	1	3	12
Puerperal convulsions	1	..	..	..	..	..	..	..	..	..	..	..	3
Pulmonary phthisis	24	25	27	24	10	22	23	11	12	20	17	13	237
Other tuberculosis	7	12	5	5	12	8	6	4	4	2	2	5	52
General tuberculosis	..	..	1	1	..	4	1	2	3	1	..	2	16
Tubercular meningitis	7	1	3	4	..	1	1	2	..	..	1	2	22
Tubercular peritonitis	..	..	..	1	..	1	1	..	..	..	..	..	3
Tubercular caries	..	..	..	..	1	..	..	..	..	..	..	..	1
Tubercular caries	..	1	1	..	1	..	2	..	1	1	..	1	6
Tabes mesenterica	..	..	..	..	1	1	..	..	..	..	1	1	3
Laryngeal phthisis	..	..	1	1	2	1	..	1	..	2	..	1	9
Erysipelas	..	..	1	1	2	1	..	1	..	2	..	1	9
ORDER 2 Constitutional Diseases.													
Cancer	2	5	8	4	7	4	4	4	4	7	4	3	61
Cancer of face	..	..	1	..	2	1	..	..	..	..	..	..	5
Cancer of oesophagus	..	..	..	..	..	1	..	..	..	..	..	..	1
Cancer of lungs	..	..	..	..	1	..	..	1	..	..	..	..	2
Cancer of breast	..	1	..	1	1	1	..	..	..	..	1	..	3
Cancer of neck	..	..	..	..	..	..	..	..	..	..	..	..	1
Cancer of stomach	..	..	..	2	3	2	3	1	..	2	1	1	15
Cancer of pancreas	..	..	..	..	..	..	..	..	..	..	..	..	1
Cancer of liver	..	1	1	..	1	..	..	1	..	..	..	..	3
Cancer of mediastinum	..	1	..	..	..	..	..	..	..	..	..	..	1
Cancer of bowels	1	..	1	..	..	1	..	2	1	1	..	..	7
Cancer of mesentery	..	..	..	..	..	..	..	..	1	..	..	..	1
Cancer of omentum	..	1	1	..	..	..	..	..	..	..	..	..	2
Cancer of uterus	1	1	2	..	..	2	..	..	..	2	1	1	10
Cancer of ovaries	..	1	1	..	..	1	..	..	..	..	..	..	2
Cancer of bladder	..	..	..	..	..	..	..	1	..	..	..	..	1
Cancer of rectum	..	..	..	1	..	..	..	..	..	..	..	..	1
Cancer of thigh	..	..	1	..	..	..	..	..	..	..	2	..	2
Hereditary syphilis	..	..	..	..	1	1	2	..	..	2	..	..	7
Scrofula	..	..	1	..	..	..	..	..	..	..	..	..	1
Marasmus	5	6	12	5	3	6	17	11	4	9	6	0	96
Rachitis	..	..	..	..	..	1	..	..	..	..	..	..	1
Morbus coxarius	..	..	..	..	..	..	..	..	1	..	..	..	1
Spina bifida	..	..	1	..	..	..	..	..	1	..	..	..	2
Gangrene	..	..	1	..	1	1	1	1	..	..	..	..	5
Eczema-general	..	1	..	..	..	..	..	..	..	..	..	..	1
Rheumatism	..	1	..	..	..	2	..	..	..	..	..	..	3
ORDER 3 Miscellaneous.													
Old age	4	2	4	6	3	..	2	4	..	3	..	5	37
Alcoholism	1	..	..	..	..	..	..	..	..	..	..	..	1
Internal hemorrhage	1	..	..	..	..	..	..	..	..	..	..	..	1
Mastoid osteitis	..	1	..	..	..	..	..	..	..	..	..	1	2
Psoas abscess	..	..	..	1	..	..	..	..	..	..	..	..	1
Malformation	..	..	..	..	1	..	..	..	..	..	..	..	1
Epistaxis	..	..	..	..	1	..	..	..	..	1	..	..	2
Hernia (strangulated)	..	..	..	..	..	2	..	..	..	1	..	..	3
CLASS II Local Diseases.													
ORDER 1 Nervous System.													
Cerebral congestion	2	..	5	3	4	2	5	3	..	3	..	2	29
Convulsions	8	7	8	2	2	5	5	4	3	3	5	3	70
Hydrocephalus	..	2	1	1	1	1	3	..	2	2	1	..	11
Meningitis	8	10	10	8	4	5	11	4	9	1	2	3	78
Cerebral softening	1	..	1	1	1	1	1	2	1	2	..	..	10
Cerebral abscess	..	1	1	1	..	..	..	..	..	..	..	..	3
Cerebral hemorrhage	..	..	..	..	..	..	..	..	..	..	..	1	1
Paralysis	..	1	3	1	..	2	..	5	..	4	..	..	19
Hemiplegia	..	..	..	..	..	..	1	..	..	..	..	..	1

MORTALITY TABLES, 1989. Continued.

CAUSES OF DEATH.	January...	February...	March	April.	May	June.	July	August	September.	October	November	December	Total
Tumor of brain										1	1	--	2
Spinal meningitis				1			2	1			1		3
Acute myelitis				1									2
Osteo-myelitis			1	1									2
Spinal congestion				1			1		1				3
Locomotor ataxia				1				1					2
Purpura agnita			1										1
Trismus nascentium				1	1				1	1			3
Epilepsy		1	2								1		3
Acute mania	1					1				1	1		3
General dementia													
ORDER 2— <i>Respiratory System.</i>													
Congestion of lungs	16	17	65	22	17	8	2	2	10	1		2	7
Acute pneumonia	17	15	19	9	3	4	5	5	3	15	18	29	87
Capillary bronchitis						2					3	6	11
Pulmonary hemorrhage	1					1						1	2
Pleurisy	1		2		1	1							4
Asthma			1	1	1					1	1		5
Emphysema						1							1
Atelectasis	1		2		2	1							6
Emphysema							1						1
Edema of lungs			1		1								2
Laryngitis													1
Chronic bronchitis			2	1									3
Edema of glottis				1							1		2
Laryngo-musculidulus			1										1
Croup					1								1
Laryngeal obstruction													1
Epidemic influenza			6	11									17
ORDER 3— <i>Circulatory System.</i>													
Endocarditis	1		1	2		2	2		1	1		2	13
Valvular heart disease	5	5	7	5	4	3	4	2	6	6	14	68	111
Cyanosis		1	1	1	1	1	1		2	1	1	3	11
Angrina pectoris			1			1							3
Fatty degeneration of heart	2		1										3
Dilatation of heart							1				1	1	3
Aneurism of heart		1											1
Atheroma					1								1
Apoplexy	1	3				1	1	5		3			16
Embolism						1	1						2
Cardiac thrombosis	1												1
Cardiac dropsy	2	1											3
Hemophilia		1											1
ORDER 4— <i>Digestive System.</i>													
Gastritis			1		1								2
Hemorrhage from stomach			3	1	1								4
Ulcer of stomach	1												1
Gastro-enteritis	8	6	4	5	5	6	17	2	4	7	3	2	77
(a) Infants, breast fed.		2	1	2	3	5	10	2	2	1	1	1	28
(b) Infants, bottle fed.		1	1				3	2	2	1			10
(c) Infants not stated	8									5			20
(d) Persons over 3 years		3	2	3	2	1	5	13	2	1		1	30
Enterocolitis											4	2	6
Heco-colitis									2				2
Chronic Diarrhoea	2				1			1					4
Cholera morbus										1			1
Peritonitis			3		4	6	3	4	2	4	1	3	30
Appendicitis							1				2		3
Dysentery	1	1	3	1	2	1	4	6	1		1		21
Intussusception	2												2
Intestinal obstruction			1		2		1						3
Inflammation of bowels			2										2
Abdominal tumor	1												1
Pernicious anamia	1	1	1		1			1					5
ORDER 5— <i>Glandular System.</i>													
Inflammation of liver	2	1	2		1	2					1		10
Cirrhosis of liver				3				2					5
Atrophy of liver.									1				1
Abscess of the liver.					1								1
Diabetes mellitus		2		1				1	3		1		5
Cholesteatoma			1										1
Biliary calculus	1												1
Exophthalmic Goitre.	1												1
Jaundice											1	1	2
Hodgkins' disease												1	1

MORTALITY TABLES, 1880—Concluded

CAUSES OF DEATH.	January	February	March	April	May	June	July	August	September	October	November	December	Total.
ORDER 6 Genito-Urinary System.													
Cystitis	1			2	1		2	1				1	9
Ulceration of bladder		2	2										4
Nephritis		1	1	1	1	1	1	1	1				8
Bright's disease	4				5	3	1	1	1	1			18
Uraemia		1		1	1		1		1				5
Amyloid Kidneys			1										1
Cellulitis		1											1
Ovarian tumor										1			1
Ovarian abscess												1	1
Tubal pregnancy										1			1
Vomiting of pregnancy								1					1
Metritis acute												1	1
CLASS III Accidental and Violent Means													
Abscess of liver (injury)								1	1				2
Asphyxia	1		1	1	2	2					1		8
Burns and scalds		1		1						2			4
Cerebral effusion (injury)		1											1
Concussion of brain						1			1				2
Cut throat (suicidal)											1		1
Drowning accidental				2	2	5		2			1	1	13
Drowning suicidal									1				1
Fracture of femur								1					1
Fracture of pelvis									1				1
Fracture of skull	2			1	2		1	3	1	1	2	1	12
Fracture of spine												1	1
Gun shot (accidental)					1	1							2
Gun shot (suicidal)		1			1	1			2		2		7
Hanging (suicidal)				1	1	1	1		1				6
Hemorrhage (abortion)													1
Hemorrhage (umbilical cord)		1		1									2
Hemorrhage (injury)								1		1			2
Hemorrhage (surg. operation)		1							1		1		3
Hemorrhage (uterine)	1										1		2
Operation for stone in kidney									1				1
Pericarditis (injury)					1								1
Peritonitis (injury)								1	2	1			4
Peritonitis surgical				1				1					2
Poisoning by arsenic												1	1
Poisoning by carbolic acid	1												1
Poisoning by chloroform												1	1
Poisoning by laudanum			1										1
Poisoning by morphine					1				1			1	3
Poisoning by strychnine		1											1
Poisoning by unknown	1												1
Pneumonia (injury)					1								1
Rupture of heart										1			1
Shock from electricity							1	1					2
Shock from difficult labor												1	1
Shock from injury	3		3		2	2	4		2	2	2		19
Shock by lightning													1
Shock (surgical)	1				1			1				1	4
Sun stroke							1						1

MORTALITY TABLE NO. 2.

SHOWING AGES OF DECEDENTS FROM ALL CAUSES FOR YEAR ENDING
DECEMBER 31, 1891

	January	February	March	April	May	June	July	August	September	October	November	December	Totals for given ages.		
	1891	1890	1889												
Under one year	41	41	83	35	41	48	100	71	40	37	36	50	623	*915	*1057
One to five years	24	24	43	21	27	18	34	30	19	24	19	28	311	350	431
Five to ten years	15	4	10	9	13	10	8	9	7	10	10	12	111	123	108
Ten to twelve years	9	6	12	15	8	16	8	10	9	10	10	12	125	124	121
Twenty to forty y'rs	46	45	45	39	40	35	36	27	36	40	31	26	449	503	521
Forty to sixty y'rs	22	29	21	23	24	19	23	16	15	20	21	27	251	276	251
Sixty to seventy y'rs	25	18	36	27	16	16	18	22	17	18	20	23	254	207	144
Over eighty	3	2	12	6	2		3	3	3	7	1	5	47	48	56
Totals	185	158	282	175	171	162	230	188	146	166	148	186	2177	2556	2680

*Includes premature and stillbirths.

MORTALITY TABLE NO. 3.
SHOWING SEX OF DECEDENTS FROM ALL CAUSES FOR YEAR ENDING DECEMBER 31st, 1901.

	Totals.											
	1901	1900	1899	December.	November.	October.	September.	August.	July.	June.	May.	Totals.
Males.....	1127	1382	1400	72	72	63	76	111	111	84	88	1127
Females.....	1040	1174	1224	82	76	83	71	77	119	78	83	1040
Totals.....	2177	2556	2624	156	148	146	146	188	230	162	171	2177

MORTALITY TABLE NO. 4.
SHOWING SOCIAL STATE AND SEX OF DECEDENTS DURING YEAR 1901.

	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Totals.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Single	61	41	65	30	98	72	90	44	60	46	64	54	76	95	82	53	51	44	48	48	42	70	44	771	624	
Married	18	42	21	20	20	32	34	29	22	25	24	21	28	16	20	17	22	17	21	20	20	28	26	240	240	
Widowed	6	16	5	8	0	22	13	5	6	11	4	1	5	8	9	7	2	10	14	4	14	1	10	75	136	
Not stated .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	85	100	91	67	126	124	97	78	88	86	84	78	111	114	111	77	75	71	83	72	78	104	82	1,137	1,040	

MORTALITY TABLE No. 5.

DEATHS IN PUBLIC INSTITUTIONS FOR THE YEAR ENDING DEC. 31, 1901.
1900 AND 1899 COMPARED.

	1901	1900	1899
City hospital.....	66	62	58
St. Mary's hospital.....	43	22	10
St. Barnabas hospital.....	21	30	19
St. Anthony hospital.....	19	9	7
Bethany home.....	18	17	25
Soldier's home.....	15	13	11
Northwestern hospital.....	13	13	7
Homeopathic hospital.....	11	17	6
Deaconess' home (Lutheran).....	8	2	1
Church home for babies.....	8	14	.....
Maternity hospital.....	7	13	5
Sheltering Arms.....	5	2	2
Catholic orphan asylum.....	3	.....	.....
Catholic home for the aged.....	3	10	.....
Quarantine hospital.....	3	.....	.....
House of Good Shepard.....	1	1	.....
Total.....	245	235	148

MORTALITY TABLE No. 6.

BURIALS IN THE CEMETERIES OF THE CITY FOR THE YEAR ENDING DEC
31, 1901, AND COMPARISONS FOR 1900 AND 1899.

	1901.	1900.	1899.
Lakewood cemetery.....	512	508	736
Layman's cemetery.....	404	470	406
St. Anthony cemetery.....	253	279	204
Hillside cemetery.....	172	109	.....
St. Mary's cemetery.....	170	200	191
City graveyard.....	96	140	167
Crystal Lake cemetery.....	98	99	68
Poor farm cemetery.....	27	29	.....
Jewish cemeteries.....	18	25	35
Totals.....	1,899	2,182	2,010
No. of deaths certified to by coroner.....	295	310	296
No. of bodies shipped from city for interment.....	349	350	362
No. of bodies received for interment from elsewhere.....	257	196	117

MORTALITY TABLE NO. 7.

NATIVITIES OF DECEDENTS DURING THE YEAR 1901, COMPARED WITH
1900 and 1899.

	1901.	1900.	1899.
Minneapolis.....	940		
Austria.....	15	5	3
Bavaria.....	1		
Bohemia.....	4		
Canada.....	69	73	68
Denmark.....	13	9	13
England.....	27	19	28
Finland.....	2		
France.....	2	1	2
Germany.....	69	75	75
Holland.....	1		
Hungary.....	8		
Iceland.....	3		
Ireland.....	74	66	49
Italy.....	1		
Minnesota.....	130	*1,307	*1,353
New Brunswick.....	3		
Norway and Sweden.....	261	286	262
Poland.....	7		
Prussia.....	3		
Romania.....	1		
Russia.....	6	6	12
Scotland.....	18	10	12
Switzerland.....	4	8	3
United States (other than Minnesota).....	463	459	455
Wales.....	4		
Not stated.....	31	123	25
Totals.....	2,177	2,554	2,273

*Includes the Minneapolis nativities

MORTALITY TABLE NO. 8.

DEATHS BY MONTHS IN EACH WARD FOR THE YEAR 1901. TOTALS COM-
PARED WITH 1900 AND 1899.

WARDS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals for wards		
													1901.	1900.	1899.
First.....	10	8	23	11	14	5	14	17	10	11	9	7	130	175	161
Second.....	11	10	16	15	13	14	14	14	8	4	15	9	125	147	100
Third.....	33	28	35	29	27	27	27	27	20	27	18	33	322	322	324
Fourth.....	15	18	23	17	16	14	11	11	11	16	8	19	175	219	194
Fifth.....	23	23	23	12	23	13	16	17	14	18	14	16	211	253	248
Sixth.....	15	20	30	15	17	12	25	15	18	17	12	15	201	301	271
Seventh.....	18	11	17	14	13	19	20	13	17	10	12	19	173	220	195
Eighth.....	19	7	17	16	12	7	10	10	8	13	10	13	142	173	154
Ninth.....	4	13	34	20	18	14	32	21	16	13	16	23	323	302	358
Tenth.....	23	10	16	8	9	23	7	5	23	22	3	7	64	90	65
Eleventh.....	1	35	16	3	13	23	26	27	21	25	22	20	302	281	279
Twelfth.....	1	2	4	1	1	9	6	10	6	4	8	5	56	59	31
Thirteenth.....	2	2	2	3	4	5	9	4	1	5	1	2	40	53	59
Total.....	185	158	262	175	171	162	230	188	146	166	148	196	2,177	2,556	2,273

MORTALITY TABLE No. 9.
NUMBER OF DEATHS DAILY FROM ALL CAUSES DURING YEAR 1891.

Months.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	Average daily
January.....	8	4	4	3	2	3	7	5	4	7	4	4	14	2	3	6	4	3	5	10	2	10	7	9	7	5	5	3	4	0	7	185	5.9
February.....	10	10	10	10	7	6	5	8	4	4	4	6	12	2	8	10	7	8	12	10	12	10	12	10	10	12	10	10	10	0	7	158	5.1
March.....	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	158	5.1
April.....	14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	175	5.6
May.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	171	5.5
June.....	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	162	5.2
July.....	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	162	5.2
August.....	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	162	5.2
September.....	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	162	5.2
October.....	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	166	5.4
November.....	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	166	5.4
December.....	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	166	5.4
Totals.....	75	72	80	80	71	67	62	65	63	72	85	87	87	64	67	71	85	83	76	93	71	60	95	61	68	61	67	75	84	82	43	2,177	6.0
Average.....	5.2	6.0	5.0	5.0	5.2	5.5	5.1	5.4	5.0	5.0	5.0	5.5	5.2	4.5	5.5	5.9	7.0	6.9	7.1	7.0	5.0	5.0	7.0	5.8	5.5	5.3	5.5	5.9	5.2	5.4	5.1	6.0	6.2

MORTALITY TABLE NO. 10.

COMPARATIVE TABLE SHOWING THE PRINCIPAL CAUSES OF DEATH IN MINNEAPOLIS DURING THE YEAR 1891.

CAUSES.	Number of deaths.						Total.	Per cent of whole No. of deaths.	Deaths per 1000 inhabit- ants.
	10	25	50	100	150	200			
Acute pneumonia.....							239	10.97	1.14
*Phthisis pulmonalis ..							237	10.88	1.13
*Cholera infantum....							127	5.83	.60
*Diphtheria.....							106	4.86	.50
Marasmus.....							95	4.36	.45
*Typhoid fever							93	4.27	.44
Capillary bronchitis...							87	3.99	.41
Meningitis							86	3.98	.41
Gastro-enteritis....							77	3.53	.36
Convulsions							70	3.21	.33
Valvular heart disease.							68	3.12	.32
Cancer							61	2.79	.29
Entero colitis.....							31	1.45	.14
Peritonitis							30	1.37	.14
Bright's disease							28	1.28	.13

* Preventable diseases.

MORTALITY TABLE NO. 11.
TABLE OF DEATHS BY MONTHS, AVERAGE PER MONTH, AND ANNUAL DEATH RATE FOR THE PAST TEN YEARS, (1891 NOT INCLUDING PREMATURE AND STILL BIRTHS.)

MONTHS.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1891.
January.....	106	140	128	118	126	155	220	187	274	185
February.....	107	108	118	142	122	164	264	158	177	158
March.....	141	124	130	98	100	155	238	222	173	262
April.....	83	138	122	103	120	160	184	268	179	175
May.....	92	142	126	124	129	191	187	265	210	171
June.....	91	143	102	118	62	133	228	201	198	162
July.....	136	156	168	272	254	218	290	262	286	230
August.....	121	216	205	226	221	190	229	295	249	188
September.....	139	176	161	179	131	182	224	237	197	146
October.....	124	158	145	139	122	260	206	240	216	166
November.....	133	158	139	103	116	267	172	184	189	148
December.....	114	56	137	125	121	196	187	180	209	186
Total.....	1,449	1,737	1,690	1,737	1,773	2,299	2,674	2,689	2,556	2,177
Average per month.....	120.7	146.4	140.8	144.7	147.7	191.5	222.8	224.0	213.0	181.4
Estimated population.....	64,666	99,660	86,784	96,062	118,599	132,750	177,743	200,000	200,000	209,000
Annual death rate per 1,000.....	22.1	25.3	20.0	17.9	15.0	17.0	15.0	13.4	12.7	10.4

MORTALITY TABLE No. 12.
SUICIDES—SPECIAL TABLE SHOWING DEATHS FROM SUICIDE, BY MONTHS
DURING 1901

METHODS	January.	February.	March.	April	May.	June.	July	August.	September	October.	November.	December	Total
Cut throat	1	1	1	1	1	1	1	1	1	1	1	1	13
Drowning	1	1	1	1	1	1	1	1	1	1	1	1	13
Gun shot	1	1	1	1	1	1	1	1	1	1	1	1	13
Hanging	1	1	1	1	1	1	1	1	1	1	1	1	13
Poisoning by morphine.....	1	1	1	1	1	1	1	1	1	1	1	1	13
Poisoning, unknown.....	1	1	1	1	1	1	1	1	1	1	1	1	13
Total by months.....	1	1	1	1	1	2	1	3	3	3	3	3	13

MORTALITY TABLE No. 13.

Comparative Tables Showing Death Rates of American and Foreign Cities as Compared with Minneapolis.

MORTALITY OF FOREIGN CITIES

CITIES.	Population	Death Rate	Total Deaths.
Edinburgh	236,002	19.2	4,531
London	4,351,708	19.3	83,966
Stockholm	234,000	21.9	5,146
Copenhagen.....	286,900	23.1	6,628
Amsterdam	200,424	23.8	7,027
Paris	2,644,550	24.6	65,676
Berlin	1,315,287	25.0	32,672
Calcutta.....	871,504	26.0	22,660
Bombay	773,196	26.0	20,104
Rome	773,298	26.5	6,842
Dublin.....	249,602	27.0	6,740
Hamburg.....	305,600	29.4	8,988
St. Petersburg.....	978,300	30.7	30,035
Marseilles.....	376,143	35.0	13,165
Madrid	405,848	36.5	14,814
Buda Pesth.....	422,557	37.8	15,973
Trieste	180,000	38.0	6,860
Alexandria.....	208,755	41.2	9,227
Cairo	366,108	47.3	2,686

MORTALITY OF AMERICAN CITIES.

CITIES.	Population per census 1890	Total Deaths.	Death rate per 1,000.
New York.....	1,513,501	40,103	24.58
Chicago	1,098,576	21,856	18.22
Philadelphia.....	1,044,376	21,732	20.75
Brooklyn	806,343	19,827	23.21
St. Louis	400,367	8,409	18.45
Boston	446,507	10,181	22.70
Baltimore	444,151	10,198	22.41
San Francisco.....	297,990	6,886	23.26
Cincinnati.....	296,398	6,441	19.81
Cleveland	261,546	5,056	19.34
New Orleans.....	216,090	7,238	28.41
Washington	240,392	5,534	22.13
Detroit	206,669	10,198	22.41
Milwaukee	204,150	3,747	17.03
Minneapolis.....	164,738	2,558	15.50
Minneapolis, year 1901, estimated.....	2,000	2,177	10.04
Minneapolis.....	164,738	2,177	13.21

SPECIAL REPORT UPON TYPHOID FEVER.

COMPILED BY

WM. E. LEONARD, M. D., MEDICAL INSPECTOR.

In June, 1888, the board of health first requested the physicians of Minneapolis to report to the health office all cases of typhoid fever coming under their care. By the enactment of the legislature of 1890-1, this disease was included in the list of contagious and infectious diseases to be reported to the health department by any one having knowledge of such cases, under penalty of the law. Before the installment of the present commissioner no systematic inspection or record of such cases was made by the department. But he immediately made it a part of the duty of the medical inspectors in their several districts to visit all cases reported, if any doubt existed to confirm or disprove the physician's diagnosis, ascertain, when possible, the source of infection, and thoroughly inspect the premises upon which the fever was found, order proper disinfection of the patient's discharges or of the receptacles (vaults, sewers, etc.,) into which they might have been thrown, order such improvements as might be made in the sanitary surroundings, and make a written report of each case upon the following blank provided by the department:

This report must be filled out in ink.

DEPARTMENT OF HEALTH.

CITY OF MINNEAPOLIS.

Report of Inspection of

TYPHOID FEVER.

Ward.....Date.....189..

No.....Street or Avenue.....

Name of Patient.....

Occupation.....Sex.....Age.....

Taken Sick at.....

Transferred to.....

Duration of Attack.....

Date of Death.....Recovery.....

Probable Causes:.....

.....

Source of Infection.....

Sanitary Condition of House.....

Sanitary Condition of Yard and Barn.....

Water Supply.....City.....Well.....Cistern.....

Orders:

FEET.

If premises are unsanitary,
fill out this diagram.

FEET.

∠ Well. Distance from house....ft. Kind.....
X Cesspool. Distance from well.....ft.
- Privy vault. Distance from well.....ft.

.....Medical Inspector.

This has been done as faithfully as the increasing knowledge and experience of the inspectors permitted, since the first of January, 1891, and an accurate transcript made of the results in a special book of typhoid fever records. The physicians of the city have seen the value of this work and, as a rule, ably seconded the effort of the department to collate valuable data by reporting such cases promptly. The following tables show the results of the first year's work. They are necessarily imperfect and incomplete but when it is remembered how little appreciation many have of the possibility of preventing the fever, and how difficult it is in certain parts of the city to gain intelligent answers to questions, and again how often such cases are moved about from place to place (contrary to law), and how little knowledge is to be had of the shifting class of population in which this disease is most prevalent, viz., laborers and domestics, (see table of occupations No. 6, their incompleteness is somewhat excusable.

The work has been done by Drs. Wm. E. Leonard, A. K. Norton and C. A. McCollom, the medical inspectors of the department, in addition to their daily inspection of the contagious diseases, and routine office work.

In estimating the prevalence of the disease by wards it must be borne in mind that the hospitals of the city are mainly in the fifth, sixth and eleventh wards, and that 165 of the cases were collected in these hospitals from all parts of the city during the year. (See Hospital table No. 4.)

Whether the mid-winter epidemic of January and February is unusual or not this office has yet not sufficient data to decide.

We believe that no American city health department has as yet undertaken this work systematically, and that when completed for five years, or more, these tables will become extremely valuable to the statistician and sanitarian. During 1892 similar records will be kept of all cases of scarlet fever and diphtheria.

TYPHOID FEVER.—TABLE No. 1.

NUMBER OF CASES AND DEATHS REPORTED DURING THE YEAR 1891, BY WARDS

WARDS	January		February		March.		April		May		June.		July		August		September		October		November		December		Total for wards	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
First	3	1	3										5	1	7	1	6		2		1		1		29	8
Second	33	1	1				2	2					1		3		3		3		2		4		21	6
Third	6	2					2								12		4		4		x		2		19	4
Fourth	5	5	3		5								10		15		7		7		1		4		60	7
Fifth	14	4	13	1	1	4	2				4	1	11	1	2	4	12	12	4	17	3	5	5	1	90	20
Sixth	11	1	8	1	2	1	1				2	7	6		13	5	15	4	1	1	2	1	1		95	13
Seventh	1												1	4	3	3	5	5	3	3	5	5	1		32	4
Eighth	0	2	1								1	1			4	4	7	1	1	1	1	1			37	6
Ninth	1				1		1						5		2	2	5	5	3	4	2	2	8		60	9
Tenth					1										6		1								11	
Eleventh	11	10			6	3	2	1	5	1	3	1	10	2	9	13	2	24	2	13	3	1			108	15
Twelfth																									11	
Thirteenth			1										1				1								2	
Total for months	64	12	45	5	19	4	11	7	13	4	24	4	68	10	97	17	94	10	56	11	33	5		582	93	

TYPHOID FEVER.—TABLE NO. 2.
SEX OF CASES AND DEATHS REPORTED DURING THE YEAR 1891.

WARDS	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total for wards.	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
Male	41	9	15	1	11	4	11	4	6	2	18	3	34	2	40	4	52	10	56	6	21	5	14	4	334	54
Female	32	3	27	4	6	..	3	3	7	2	6	1	19	2	28	6	43	7	38	4	25	6	19	1	248	20

TYPHOID FEVER.—TABLE NO. 3.
AGES OF CASES AND DEATHS REPORTED DURING THE YEAR 1891.

	Cases.	Deaths.
Under three years	6	4
Three to twenty-one years	223	27
Twenty-one to fifty years	320	59
Over fifty years	6	3
Unknown	25	..
Total	582	93

TYPHOID FEVER.—TABLE NO. 4.
HOSPITALS TO WHICH CASES WERE TRANSFERRED.—NO. OF CASES AND DEATHS

	Cases.	Deaths.
City hospital	56	6
St. Barnabas	28	6
St. Mary's	22	3
Northwestern	22	2
Norwegian Deaconess' Home	17	2
St. Anthony	13	2
Homeopathic	11	2
Totals	165	27

Taken out of the city 4.

TYPHOID FEVER.—TABLE NO. 5.
CASES IMPORTED FROM OTHER LOCALITIES.

Hennepin county (including three from Lake Minnetonka)	4
Ramsey county	2
Anoka county	2
Other cities and towns in Minnesota:	
Breckenridge	1
Duluth	1
Fairhaven	1
Lake City	1
Warren	1
Willmar	1
Dakota (North and South), chiefly from harvest fields)	11
Wisconsin (chiefly from lumber camps)	1
Montana	1
Iowa	1
Massachusetts	1
Michigan	1
St. Louis, Mo.	1
Chicago, Ill.	1
New York City	1
Shipboard (emigrant)	1
Total	32

TYPHOID FEVER.—TABLE NO. 6.

OCCUPATIONS OF THE CASES REPORTED DURING THE YEAR 1901.

Laborers.....	113	Students.....	6
Domestics.....	66	Butchers.....	6
Housewives.....	59	Sewer laborers.....	5
School girls.....	57	Bakers.....	5
School boys.....	41	Teamsters.....	5
Clerks.....	35	Machinists.....	5
Carpenters.....	17	Under school age.....	24
Beam-tresses.....	10	Scattering.....	79
Teachers.....	9	Unknown.....	38
Millers.....	7		
Coachmen.....	6	Total.....	582

TYPHOID FEVER.—TABLE NO. 7.

CAUSES—SOURCES OF INFECTION, AS FAR AS ASCERTAINABLE.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Well water.....	9	1	3	1	1	1	3	12	27	33	20	7	119
Other cases.....	3	5	3	3	1	1	11	11	15	13	5	7	70
Surroundings unsanitary.....	3	1	1	1	1	1	12	12	11	7	1	1	55
Defective plumbing.....	3	2	1	1	1	1	2	2	6	1	1	1	16
Clster water.....	2	1	1	1	1	1	1	1	1	1	1	1	4
Stagnant water.....	2	1	1	1	1	1	1	1	1	1	1	1	9
Surface drainage.....	1	1	1	1	1	1	1	1	1	1	1	1	11
Sewers, work in.....	1	1	1	1	1	1	1	1	1	1	1	1	11
Sewers, opening up old.....	1	1	1	1	1	1	1	1	1	1	1	1	11
Cesspools.....	1	1	1	1	1	1	1	1	1	1	1	1	11
Opening up St. Nor'n RR. viad'ct.....	1	1	1	1	1	1	1	1	1	1	1	1	11
Shipboard, contracted on.....	1	1	1	1	1	1	1	1	1	1	1	1	11
Imported cases.....	2	1	2	1	1	2	2	11	11	10	3	4	52
Unknown.....	35	31	8	7	10	18	27	20	19	24	19	8	226
Totals.....	64	45	41	11	13	24	58	68	97	94	56	33	582
Sewer connections.....	15	15	2	1	3	3	14	12	14	6	2	7	91
Proportion of cases found where no sewer connection existed, percent	74	66	80	91	100	87½	76	78	86	92	96	76	84.5

TYPHOID FEVER.—TABLE NO. 8.

AVERAGE DURATION OF THE DISEASE IN FATAL CASES OF TYPHOID FEVER DURING THE YEAR 1901.—IN DAYS.

Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Average for fatal cases.
20.2	25.3	11.6	15.0	18.4	17.0	24.4	27.4	21.0	30.6	23.1	28.8	21.0

The longest case ran 70 days, ending in October.
 The next longest case ran 66 days, ending in October.
 The shortest cases (2) ran 5 days.

UNITED STATES DEPARTMENT OF AGRICULTURE, WEATHER BUREAU. METEOROLOGICAL SUMMARY FOR 1891. MINNEAPOLIS.

Months.	Temperature.										Precipitation in in. & 10ths.		Wind	Number of days.		Remarks.				
	Monthly mean	Mean maximum.	Mean minimum.	Mean range.	Highest. Date.	Lowest. Date.	Monthly range.	Greatest daily range.	Date.	Least daily range.	Date.	Rain and melted snow.		Total depth of snow fall.	Prevailing direction.		Cloudless	Partly cloudy.	Cloudy.	On which more precipi- tation occur'd (one 1-100th or less)
January.....	32.2	39.1	510.3	340	30	1.4	1.4	50	50	4.0	1.0	0.67	7.5	N	8	19	11	7	Warmest January since 1880. Precipitation considerably in excess of normal.	
February....	32.4	42.2	43.8	24	24	-22.2	5	57	53.3	23	7.5	1.67	20.0	N	10	16	11	11		
March.....	33.53	210	116.5	48	23	5	53	53	53	20	5.9	1.43	12.5	N	10	16	11	12		
April.....	49	548	8.69	2.50	783	5	29	15.5	68	33	15	1.22	6.0	N	14	14	6	8	Killing frost on 6th.	
May.....	55	670	8.60	4.24	884	8	28	3	53	33	13	1.27	....	N	14	14	6	8	Killing frost on 6th.
June.....	56	725	1.57	17.9	948	15	19	7	49	32.9	11	2.90	....	N	4	13	7	13	Killing frost on 5th.
July.....	66	746	1.56	4.20	1.403	8	31	44	7	46	27.5	3.18	....	N	4	13	7	13	
August.....	68	378	3.57	7.21	394	74.8	42.4	23	61	6.20	7	3.18	....	S	11	13	7	10	Rain fall of August 20th was the heaviest on record in this vicinity. Light frost on 22d.
September...	67	679	56	2.22	836	1	18	42.6	30	6.36	14	1.75	....	S	17	7	6	6	
October....	50	560	7	3.10	474	2	28.6	23	45	2.30	10	1.67	8.5	S	11	7	11	7	Killing frost on 7th.	
November...	38	637	6.19	5.18	5	-12.7	7	29	72	234.3	18	0.87	....	S	11	7	12	7	Coldest November since 1880. The warm rains of Dec. 2, 8, 12 and 14 have not occurred in many years.
December.....	30	37	8.22	3.15	553	13	-6	20	50	628.6	20	3.16	3.8	S	14	8	11	10	Precipitation greatly in excess of normal.	
Annual means.	45.6	55	635	7.19	671.4	....	16.1	....	55	332.7	...	2.07	...	S	11.2	10.1	9.2	9.1	

J. H. HARMON, Observer Weather Bureau.

ANNUAL REPORT

Department of Charities and Corrections.

EMBRACING POOR DEPARTMENT, CITY HOSPITAL AND WORKHOUSE.

1891.

DEPARTMENT OF POOR.

FIRST SIX MONTHS OF 1891.

HON. P. B. WINSTON, Mayor and *ex-officio* President of Board.
C. L. SNYDER, Superintendent and Secretary.
LARS OWRE, Clerk.

BOARD OF SUPERVISORS.

JOS. INGENHUTT,	JOHN M. PARRY,
FRED. C. BARROWS,	GEO. W. FLANDERS.
JOSEPH L. KIICHLI,	J. S. BRADISH,
S. B. LOYE,	FRED. A. SCHWARTZ,
M. W. BRAZIE,	WM. M. LACKEY,
SAMUEL HUNTER,	GEO. PETERSON,

JAMES S. GRAY.

BOARD OF CHARITIES AND CORRECTIONS.

HON. P. B. WINSTON, Member <i>ex-officio</i> .	
BERNARD CLOUTIER, President.	H. B. MARTIN,
JOHN G. MOORE.	F. R. WOODARD.
C. L. SNYDER, Supt. of Poor and Secretary.	
LARS OWRE, Clerk.	

ANNUAL REPORT

OF THE

SUPERINTENDENT OF POOR.

OFFICE OF THE
SUPERINTENDENT OF POOR,
MINNEAPOLIS, Minn., June 30, 1891. }

To the Honorable, the Board of Supervisors of the Poor of City of Minneapolis:

I have the honor to submit a report of the work of this office for the first half-year of 1891, as follows:

Number of applications made at office.....	2,774	
Number of visits made by superintendent.....	694	
Number of cases where relief has been granted in groceries.....	1,060	
Number of orders given for groceries.....	1,072	
Amounting to.....		\$2,750.15
Number of orders given for wood.....	1,038	
Amounting to.....		\$1,728.45

Number of patients in hospital January 1, 1891:

City hospital.....	45
Homeopathic hospital.....	2
Northwestern hospital.....	4
Deaconess' hospital.....	1
St. Mary's hospital.....	2
Bethany Home, adults.....	11
Bethany Home, infants.....	10
Total.....	75

Number sent to hospitals during first half-year 1891:

City hospital.....	257
Homeopathic hospital.....	20
Northwestern hospital.....	7
Deaconess' hospital.....	1
St. Mary's hospital.....	8
Bethany Home, adults.....	22
Bethany Home, infants.....	6
Total.....	321

Number now in hospitals under charge of city July 1:

City hospital.....	38
Homeopathic hospital.....	1
Northwestern hospital.....	2
Deaconess' hospital.....	1
St. Mary's hospital.....	3
Bethany Home, adults..	11
Bethany Home, infants..	18
Total.....	69

Hospital expenses:

Homeopathic hospital.....	\$392.71	
Northwestern hospital.....	457.77	
Deaconess' hospital.....	159.58	
St. Mary's hospital.....	470.70	
Bethany Home.....	1,969.16	
For conveyances.....	300.50	
Total.....		\$3,750.42

Number of inmates at poor house January 1, 1891.....	44	
Number sent to poor house during first half-year.....	28	
Number now in poor house under charge of city, July 1.....	36	
Poor house expenses.....		\$2,372.87

No. of visits made by Drs. Chase and Weston assistant city physician:

At hospitals.....	269	
At other places	1,549	
Number of burials furnished	98	
Amounting to.....		\$714.00
Number of persons furnished transportation to other places	80	
Amounting to		\$472.09
Incidental expenses of superintendent of poor.....		77.36
Special bills allowed by supervisors of poor.....		550.97
Salaries to superintendent and clerk for first half-year 1891.....		1,491.66
Expended during first half-year 1891.....		\$13,916.97
Refunded during first half-year 1891.....		146.76
Total expenses as above enumerated for first half-year 1891.....		\$13,770.21

NATIONALITY RECORD OF APPLICANTS FROM JANUARY 1 TO JULY 1, 1891.

African.....	124	Italian.....	0
American	546	Jewish	44
Bohemian.....	89	Norwegian	451
Canadian.....	26	Polish	30
Danish	66	Portuguese	0
Dutch.....	5	Scotch	18
English.....	63	Spanish.....	0
Finnish.....	10	Swedish	569
French	86	Swiss.....	4
German.....	307	Welsh.....	3
Hungarian	12	Russian.....	1
Indian.....	0		
Irish	370	Total	2,774

A LIST OF SPECIAL BILLS ALLOWED BY SUPERVISORS OF POOR FROM JANUARY 1, TO JULY 1, 1891.

Jan.	H. H. Molloy.....	\$5.00	June	Herman Berger	12.25
	T. K. Gray	3.00		Peter Anderson	\$15.31
Feb.	E. J. Couper.....	17.71		John Camp.....	26.25
	O. W. Cronkhite.....	7.50		T. K. Gray	9.00
March ..	E. J. Couper.....	8.00		T. K. Gray	19.15
	Thos. A. Clark.....	6.75		John F. Daneck.....	2.70
	Goodnow & Lawther.....	2.40		E. J. Couper	8.86
April. ..	H. H. Malloy.....	2.50		W. H. Ensign & Son	3.00
	T. K. Gray	2.40		Carlson Bros.....	2.00
	E. J. Couper	8.86		Minneapplis Truss Co....	5.00
	Mrs. M. Pasko.....	6.00		Chas. D. Whithall & Co...	9.10
May	E. J. Couper	8.56		N. W. Tel. Ex. Co.....	42.00
	O. A. Hefelfinger	3.00		E. J. Couper	8.56
	Harrison & Smith	8.00		T. K. Gray	22.55
	Chas. D. Whithall & Co....	3.50		E. B. Heiberg.....	4.30
	Asbestine Stone Co.....	20.00		Benj. Frost & Co.....	7.25
	T. K. Gray	25.00		Dr. O. G. Weston.....	38.85
	Crown Drug Store.....	3.06		C. L. Snyder.....	148.00
	T. Connolly.....	25.50		Total	\$550.97

A LIST OF MONEY REFUNDED TO SUPERINTENDENT OF POOR FROM JANUARY 1, 1891, TO JULY 1, 1891.

Jan. 14.	Mrs. E. Garnes	\$3.95	Apr. 15.	Otto More	3.50
Feb. 6.	Ingeborg Burke	6.00	May 6.	Alexander Brothers.....	1.97
11.	Jack Martin.....	29.57	7.	I skaar	9.00
20.	Max Waits.....	6.00	8.	David Copland	3.00
24.	Anna M. Peterson.....	6.00	22.	J. J. Akra	15.00
Mar. 10.	Alfred Munson.....	11.00	22.	O Paulson.....	2.40
10.	C. A. Chase....	9.00	22.	John Peterson.....	.97
11.	Ed. Dahl.....	1.28	27.	Higgins	19.14
18.	A. G. Coutts.....	3.00	June.	Sold old watches.....	3.00
April 2.	Ingeborg Burke.....	8.00		Total	\$146.76
13.	Mrs. O. Cheeseman	5.00			

OFFICE OF THE
SUPERINTENDENT OF THE POOR, }
MINNEAPOLIS, December 31, 1891.

To the Honorable, the Board of Charities and Corrections of City of Minneapolis:

I have the honor to submit a report of the work of this office for the second half-year of 1891, as follows:

Number of applications made at office.....	2,031	
Number of visits made by superintendent.....	427	
Number of cases where relief has been granted in groceries.....	770	
Number of orders given for groceries.....	777	
Amounting to.....		\$1,979.00
Number of orders given for wood.....	421	
Amounting to.....		508.25

Number of patients in hospital July 1, 1891:

City hospital.....	38
Homeopathic hospital.....	1
Northwestern hospital.....	2
Deaconess' hospital.....	1
St. Mary's hospital.....	3
Bethany Home, adults.....	11
Bethany Home, infants.....	13
Total.....	69

Number sent to hospitals during second half-year 1891:

City hospital.....	230
Homeopathic hospital.....	0
Northwestern hospital.....	3
Deaconess' hospital.....	1
St. Mary's hospital.....	2
Bethany Home, adults.....	8
Bethany Home, infants.....	3
Total.....	247

Number now in hospitals under charge of city:

City hospital.....	46
Homeopathic hospital.....	0
Northwestern hospital.....	2
Deaconess' hospital.....	1
St. Mary's hospital.....	0
Bethany home, adults.....	3
Bethany Home, infants.....	0
Total.....	61

Hospital expenses.

Homeopathic hospital.....	\$19.28	
Northwestern hospital.....	137.41	
Deaconess' hospital.....	166.51	
St. Mary's hospital.....	156.14	
Bethany Home.....	1,546.92	
For conveyances.....	188.00	
Total.....		\$2,214.26

Number of inmates of poor house July 1, 1891.....	36	
Number sent to poor house during second half-year.....	16	
Number now in poor house under charge of city.....	43	
Poor house expenses.....		\$1,957.71

Number of visits made by Dr. Chase and Weston, as-
sistant city physician:

At hospitals.....	263	
At other places.....	1,467	
Number of burials furnished.....	72	
Amounting to.....		\$515.00
Number of persons furnished transportation to other places.....	74	
Amounting to.....		430.65
Incidental expenses of superintendent of poor.....		68.45
Special bill allowed by board of Charities and Corrections.....		482.57
Salary to superintendent and clerk for second half-year 1891.....		1,390.98
Expended during second half-year 1891.....		\$9,665.87
Refunded during second half-year 1891.....		127.68
Total expenses during second half-year 1891, as above enumerated		\$9,538.19

NATIONALITY RECORD OF APPLICANTS FROM JULY 1 TO DECEMBER 31 1891.

African.....	61	Irish	307
American	303	Italian	0
Bohemian.....	28	Jewish.....	48
Canadian.....	35	Norwegian.....	341
Danish.....	59	Polish	14
Dutch	0	Portuguese	0
English.....	64	Scotch	12
Finnish.....	20	Spanish	0
French	64	Swedish	429
German	231	Swiss.....	6
Hungarian...	6	Welsh.....	3
Indian.....	0		
		Total	2,031

A LIST OF SPECIAL BILLS ALLOWED BY THE BOARD OF CHARITIES AND CORRECTIONS FROM JULY 1 TO DECEMBER 31, 1891.

Aug.....	Minneapolis Truss Co.....	\$2.00	Nov.....	E. B. Hilberg	17.77
	Chas. D. Whitall & Co..	5.08		Chas. D. Whitall & Co	2.91
	N. W. Tel. Exchange Co ..	9.00		N. W. Tel. Exchange Co ..	9.00
	T. K. Gray.....	16.45		Minneapolis Times.....	63.53
Sept.....	M. D. Wilson Co	5.00		J. Tollier.....	2.25
	T. K. Gray	14.90		Geo. Schock.....	7.13
	Geesaman & Murphy	10.00		E. J. Couper.....	8.86
	Chas. D. Whitall & Co	1.65		H. H. Molloy.....	2.50
	N. W. Tel. Exchange Co ..	9.00		T. K. Gray	24.25
	J. Stoff.....	4.20		N. W. Labor Union.....	9.50
	John McCarty	3.00	Dec.	Minneapolis Truss Co.....	3.50
	J. E. Malone.....	3.40		T. K. Gray	2.00
	Mrs. Ellen Bramvell.....	15.50		N. W. Tel. Exchange Co ..	9.00
	Minneapolis Truss Co.....	6.50		Chas. D. Whitall & Co	0.40
	N. W. Labor Union.....	2.00		Mrs. Renning	44.28
Oct.....	Chas. D. Whitall & Co	0.75		Catherine Vancourt	6.00
	N. W. Tel. Exchange Co ..	9.00		Chas. H. Cirkler.....	1.00
	T. K. Gray	24.10		E. J. Couper	8.56
	Chas. H. Cirkler.....	15.90		Thos. Gardiner.....	0.66
	Minneapolis Truss Co.....	12.50		T. K. Gray	29.75
	E. J. Couper	28.30		Jos. Hoffin & Co	5.80
	J. A. Holl	7.50			
	Mrs. Renning.....	20.00		Total	\$482.57

A LIST OF MONEY REFUNDED TO SUPERINTENDENT OF POOR, FROM JULY 1, 1891 TO DECEMBER 31, 1891.

July 1.	Frank Kinzie.....	\$2.00	Aug. 22	Jery McGormick.....	5.00
	Bilderman	2.00		Sold material given to	
	Gale Compton.....	4.00		poor department.....	2.00
25	F. Wanderworth	1.00	Sept. 9	Snorre Benson.....	6.07
Aug. 4	Paul Magnus.....	13.50	17	Frank Olmstead... ..	5.75
5	Wm. Watson.....	3.28	Oct. 19	Jacob Ruben.....	2.15
	Gust Carlson.....	4.50	Nov. 3	Rich Logan.....	10.00
7	C. G. Weston.....	3.00	6	Lewis Nelson	10.45
13	Southwick .....	.70	Dec. 2	Roy Rasmussen.....	8.00
	Odin Olson.....	.20	14	John Nelson	8.00
	J. S. Reynolds.....	.50	16	Gus Beckman.....	35.00
	Frank Anderson.....	3.00		Total.....	\$127.68

OFFICE OF THE
SUPERINTENDENT OF THE POOR,
MINNEAPOLIS, Dec. 31, 1891. }

Gentlemen of the Bourd of Charities and Corrections:

I have the honor to submit a report of the work of this office for the year of 1891, as follows:

Number of applications made at office.	4,805	
Number of visits made by superintendent.	1,119	
Number of cases where relief has been granted in groceries.	1,830	
Number or orders given for groceries.	1,849	
Amounting to.		\$4,738.15
Number of orders given for wood.	1,459	
Amounting to.		2,326.70

Number of patients in hospitals January 1, 1891:

City hospital.	45	
Homeopathic hospital.	2	
Northwestern hospital.	4	
Deaconess hospital.	1	
St. Mary's hospital.	2	
Bethany Home, adults.	11	
Bethany Home, infants.	13	
Total.		75

Number sent to hospitals during year 1891.

City hospital.	487	
Homeopathic hospital.	20	
Northwestern hospital.	10	
Deaconess hospital.	2	
St. Mary's hospital.	10	
Bethany Home, adults.	30	
Bethany Home, infants.	9	
Total.		568

Number now in hospitals under charge of city:

City hospital.	46	
Northwestern hospital.	2	
Deaconess hospital.	1	
Bethany Home, adults.	3	
Bethany Home, infants.	9	
Total.		61

Hospital expenses:

Homeopathic hospital.	\$411.90	
Northwestern hospital.	505.18	
Deaconess hospital.	326.09	
St. Mary's hospital.	626.84	
Bethany Home.	3,516.08	
For conveyance.	488.50	
Total.		5,964.68
Number of inmates of poor house January 1, 1891.	44	
Number sent to poor house during year.	44	
Number now in poor house under charge of city.	43	
Poor house expenses.		\$4,330.58

Number of visits made by Dr. Chase and Weston, as-
sistant city physician.

At hospitals.	532	
At other places.	3,016	
Number of burials furnished.	170	
Amounting to.		\$1,229.00
Number of persons furnished transportation to other places.	154	
Amounting to.		\$922.74
Incidental expenses of superintendent of poor.		145.81
Special bills allowed by supervisor of poor and board of charities and corrections.		1,033.54
Salaries.		2,891.64
Expended during year 1891.		23,582.84
Refunded during year 1891.		274.44
Total expenses as above numerated during year 1891.		\$23,308.40

I have the honor herewith to present to you, for your consideration, a few thoughts accumulated by long experience of work done in solving the question of pauperism. In the first place, it will be seen, by a glance at the foregoing annual report—that 4,805 applications for relief have been solicited in this office; that 235 were considered undeserving receiving good advice, costing nothing; that 894 applied for and received medical aid, either in office, home or hospital; that 178 families received wood only; that 470 families received both wood and groceries; that 82 men were furnished work; that 154 persons were furnished transportation; that 88 persons were cared for at the almshouse.

The above detail of the various help furnished could not be lessened in any particular, except in the item of out-door relief (so-called) and given through habit to those who are able bodied, and have spent their substance in dissipation and riotous living, the excuse being in many cases that they cannot obtain work, when the very reason is apparent that they have misappropriated their earnings in bad management, expecting the poor department to tide them over the winter as a matter of custom. This weakens, or at least postpones, and often partially paralyzes the efforts of individual recipients for self help. It is therefore to be condemned for this, if for no other, reason. Certainly the most practical, helpful and useful form of charity, whether considered from its effects upon the community or the individual, is to encourage everybody, as far as practical, to provide for themselves. Any practice or principle which secures the safety or comfort of an individual without his own personal effort or the strenuous exercise of some vital faculty is destructive of self respect and debases moral character; it makes paupers and criminals, and consumers of and depredators on the industry and savings of others, and whether the city or the individual gives a loaf of bread or dollar of money to him who is able to work, without requiring something of him in return, it starts him on the road to pauperism, and, once there, may propagate into hundreds of human beings thus depraved from one parent stem. There are many people, as is well known to all persons who have had any experience in the distribution of either public or private charity, who live in expectation of being helped all their lives. Throughout the year they press more or less upon pity and the poor fund for out door relief, and it is found, after careful and impartial investigation, that they can get along without help. In some cases applicants have been found to possess property or to have laid up money from which they draw interest.

Complaints are often made by superficial sympathizers who do not know the real state of the case, and much fraud and imposition comes from this direction, to say nothing of the chronic dead beats who are scarcely distinguishable from criminals. I would deprive no meritorious case of that humane charity, which blesses alike him who receives it and him by whom it is given. I only urge that in order to be permanently helpful and beneficial, it should be more cautiously bestowed than our present out-door system admits of, especially in large cities like this.

To recapitulate my ideas in an abbreviated form, I would say that the department of poor, in continuing out-door relief, except to those incapacitated by age, physical disability or sickness, is robbing the churches of one of their most sacred duties, viz., the care and visitation of the poor at their homes. By this method the membership of the

various churches is made stronger through this moral duty performed by its deacons and committees in giving relief and moral advice to those in their respective districts.

To this end would I devote my whole time, being assured by the success already obtained that in the near future unnecessary pauperism, which degrades a community, will vanish from our fair city, leaving us only the unfortunate, who, by no acts of theirs, become incapacitated for self-support. To such the tax-paying citizens of this city are desirous we should extend a helping hand.

And to you, Mr. Mayor and Gentlemen of the Board of Charities and Corrections, I would most earnestly thank one and all for the sympathetic co-operation extended to me in this most difficult and laborious office, created for the uplifting of mankind.

I am, gentlemen, with high respect, your most obedient servant,

C. L. SNYDER,

Superintendent of Poor and Secretary to the Board of Charities and Corrections.

ANNUAL REPORT
CITY HOSPITAL.
1891.

COMMITTEE OF THE CITY COUNCIL ON HEALTH AND HOSPITALS.

Alderman H. W. BRAZIE, M. D.,
Alderman J. S. GRAY,
Alderman F. A. SCHWARTZ.

BOARD OF CHARITIES AND CORRECTIONS.

P. B. WINSTON, Mayor, Member *ex-officio*.
O. C. MERRIMAN, Resigned. PROF. J. G. MOORE,
BERNARD CLOUTIER, H. B. MARTIN,
F. R. WOODARD, M. D.

OFFICERS OF CITY HOSPITAL.

SUPERINTENDENT:

C. A. CHASE, M. D., City Physician.

ASSISTANT CITY PHYSICIANS:

C. G. WESTON, M. D. E. T. GIBSON, M. D.

MATRON:

MRS. L. H. BARD.

RESIDENT PHYSICIANS:

G. STOWELL, M. D., H. L. DARMS,
C. O. ATHERTON, M. D., G. W. DAHLQUIST.

NURSES:

MISS PAULINE WOLD,	MISS E. G. DUNCAN,
MISS M. C. HANSON,	MISS J. R. HAYES,
MISS A. C. MANCHESTER,	MISS M. MCCOY,
MISS E. PRICE,	MISS H. M. DORWAN,
MISS F. A. HIAM,	WM. MCCONNELL,
R. H. DOUGLASS,	A. K. WILSON,
G. W. PIERCE.	

TYPHOID FEVER.—TABLE NO. 6.

OCCUPATIONS OF THE CASES REPORTED DURING THE YEAR 1901.

Laborers.....	113	Students.....	6
Domestics.....	65	Butchers.....	6
Housewives.....	50	Sewer laborers.....	6
School girls.....	57	Bakers.....	5
School boys.....	41	Teamsters.....	5
Clerks.....	25	Machinists.....	5
Carpenters.....	17	Under school age.....	24
Seam-tresses.....	10	Scattering.....	79
Teachers.....	9	Unknown.....	25
Millers.....	4		
Coachmen.....	6	Total.....	583

TYPHOID FEVER.—TABLE NO. 7.

CAUSES—SOURCES OF INFECTION, AS FAR AS ASCERTAINABLE.

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Well water	9	1	1	1	1	1	12	27	33	25	2	7	119
Other cases	29	3	1	1	1	1	11	15	18	8	7	79	
Surroundings unsanitary	3	1	1	1	1	1	13	11	7	1	1	55	
Defective plumbing	3	1	1	1	1	1	1	5	1	1	1	18	
Distern water	2	2	1	1	1	1	1	1	1	1	1	4	
Stagnant water	1	1	1	1	1	1	1	1	1	1	1	9	
Surface drainage	1	1	1	1	1	1	1	1	1	1	1	1	
Sewers, work in	1	1	1	1	1	1	1	1	1	1	1	1	
Sewers, opening up old	1	1	1	1	1	1	1	1	1	1	1	1	
Cesspools	1	1	1	1	1	1	1	1	1	1	1	1	
Opening up Gr. Nor'n RR. viaduct	1	1	1	1	1	1	1	1	1	1	1	1	
Shipboard, contracted on	1	1	1	1	1	1	1	1	1	1	1	1	
Imported cases	2	1	1	1	1	1	1	1	1	1	1	1	
Unknown	35	31	8	7	10	18	27	20	19	24	19	8	225
Totals	64	46	19	11	18	24	58	68	97	94	56	33	583
Sewer connections	15	15	2	1	1	3	14	12	14	6	2	7	91
Proportion of cases found where no sewer connections existed, percent	74	66	80	91	100	87½	76	78	86	93	96	78	84.5

TYPHOID FEVER.—TABLE NO. 8.

AVERAGE DURATION OF THE DISEASE IN FATAL CASES OF TYPHOID FEVER DURING THE YEAR 1901—IN DAYS.

Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Average for fatal cases.
20.2	25.3	11.6	15.0	18.4	17.0	24.4	27.4	21.0	30.6	22.1	28.8	21.9

The longest case ran 70 days, ending in October.
The next longest case ran 66 days, ending in October.
The shortest cases (2) ran 5 days.

year ago creating the Board of Charities and Corrections was doubtless framed having in view this principle, which is vital to the welfare of all charitable institutions.

How far superior the accomplishments of the new Board may be as compared with those of the old remains to be seen, for time is requisite in any change of government for all its merits to be exemplified. As to my department, suffice it to say a zeal and spirit of progress has characterized the present Board which has been highly gratifying and augurs well for the success of the new regime.

Hardly a change which the City Physician has ever urged in the past but what has been or is about to be forthcoming. The prevailing spirit seems to be to furnish every facility which will evidently be an improvement in the workings of the department.

Especially noteworthy and not to be gainsaid among the changes wrought by the action of your board is the granting of another Assistant City Physician; thus enabling the dividing of the city into districts, the assigning to each assistant a certain territory, the supplying of a long felt want and the insuring of a service more prompt, more efficient and more satisfactory to all concerned.

All friends of the City Hospital appreciate the strenuous efforts which have been put forth the past year to secure a new City Hospital. Necessary legislation was enacted which was zealously backed up by your Board and a goodly number of the city council by endeavoring to issue bonds sufficient in amount to make at least a beginning in the erection of a new hospital; but, owing to some cause, the measure was defeated, much to the disappointment of a great many.

So much has been said on this subject by those conversant with the pressing needs in this direction it seems at times worse than useless to say or do more, and is disheartening to attempt to accomplish anything with such odds against us. But as in many another, noble, philanthropic undertaking repeated efforts have been doomed to disappointment, but were finally crowned with success, so may it be in this enterprise. By constant agitation of the subject and by untiring, zealous persistence in every laudable way "it will follow as the night the day" that all this labor and waiting has not been in vain.

No one understands more fully the exigent needs of the city as relates to a proper plan for caring for her sick, and none will be on the alert more actively than yourselves to take advantage of any circumstance which will secure a needed, lasting blessing for the cause of suffering humanity.

Another great and evident need of the department is some better means of conveying the sick and injured to hospital than those now employed. Other cities of far less importance than this, and private hospitals in this city have a respectable ambulance service by which the sick and maimed can be transported in a comfortable and safe manner. The custom in our city of conveying the sick by hacks, and accident cases by the patrol wagon, in all weathers and from all distances, is familiar to all. I am satisfied that such means of conveyance are not only not economic and the best, but that precious lives are lost annually by this method.

We admit to hospital cases of typhoid fever, pneumonia, etc., which are moved, under protest, in all stages of the disease, even at a stage when but a trifle determines the question of recovery or mortality. We have

cases of accident brought by patrol from long distances so thoroughly chilled that it is next to impossible to establish reaction, much less to think of operating successfully. In the light of these facts it is hoped that the matter may receive your candid consideration and support.

I am of the opinion that an ambulance service, as good as any, could be formed with our present corps of physicians through the co-operation of the police department and maintained at a less expense than that of the present system.

My assistants, Drs. Gibson and Weston, with myself, have made a total of 5,923 visits and office consultations, variously distributed over the city, at city hall office, lock-up, workhouse, hospital and patients' residences. They have proved themselves the right men in the right places. Dr. Weston is a man specially adapted to his duties by previous experience in similar work and hospital life. Dr. Gibson, as police surgeon, has performed his duties to the entire satisfaction of all interested.

In fact all the employes of this department, as a rule, have been faithful and conscientious in the discharge of their duties and are worthy of your commendation.

The usual donations, from thoughtful friends, of reading matter, fruits, flowers, etc., which are such welcome visitors in the sick room, the Superintendent desires to acknowledge on behalf of the grateful patients. The kindly ministrations of friends, missionaries and clergymen have been beneficial and cheered many a sad heart and shortened many a long hour of suffering.

To the medical profession as ever I am indebted for their frequent counsel and co-operation, which I would gladly reciprocate.

To the Committee on Health and Hospitals, under whom I served the first half of the year, as well as to your honorable body, I wish to extend my heartfelt thanks for all personal favors shown me during our short official acquaintance. Especially grateful am I for all favors wherein the service of the department has been improved and the welfare of the unfortunate sick has been enhanced.

Respectfully yours,

CHARLES A. CHASE,

Superintendent.

MONTHLY REPORT OF CITY HOSPITAL FROM JANUARY 1, 1891, TO DECEMBER 31, 1891.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
No. patients in hospital on first of month.....	45	51	48	46	47	39	38	35	33	41	39	45	.....
No. patients admitted during month.....	47	42	42	43	46	41	43	36	39	46	30	39	539
No. patients discharged during month.....	34	38	38	39	46	35	34	32	28	38	20	35	417
No. patients died during month.	7	7	6	3	8	7	12	6	3	10	4	3	73
No patients treated during month.....	92	93	90	89	93	80	81	71	72	87	69	84	.....
No. patients in hospital on first of following month..	51	48	46	47	39	38	35	33	41	39	45	46	.....
No. days treatment during month.....	1,305	1,435	1,423	1,429	1,116	1,054	1,125	1,013	1,050	1,179	1,141	1,544	14,814
No. weeks treatment during month.	186 4	205	203.3	204.1	159 4	150.3	160.7	144.7	150	168.4	163	220.6	2,116.3
Total expenditure of hospital for each month.....	\$1,311.95	\$1,014.85	\$1,055.57	\$818.30	\$812.28	\$836.45	\$872.07	\$927.85	\$732.19	\$876.62	\$997.22	\$1,145.50	\$11,403.94
Less cost of permanent improvements	139.07	76.69	31 40	.....	19.03	29.90	77.48	95.12	26.70	9.30	81.66	36.22	622.57
Actual expense of hospital for each month.....	1,172.88	938.16	1,024.17	818.30	793.25	806.55	794.59	832.73	705.49	869.32	915.56	1,109.27	10,780.37
Cost per week per capita ..	6.29	4.57	5.04	4.01	4.98	5.36	4.94	5.75	4 70	5.16	5.61	5.03	.....
Cost of provisions per month	324.42	298.61	333.34	245.68	262.64	300.61	233.24	285.58	229.73	321.09	315.41	332.79	3,453.14
Cost of provisions per week per capita	1.74	1.45	1.64	1.20	1.65	2.00	1.45	1.98	1.53	1.91	1.91	1.51	.....
Average number of days of each patient in hospital .	14 17-92	15 40-93	15 73-90	16 5-89	12	13 7-40	13 72-81	14 19-71	14 7-12	13 16-29	16 37-69	18 8-21	.....

MEDICAL CASES.

	Male.	Female.	Total		Male.	Female.	Total
Typhoid fever.....	55	23	81	General tuberculosis.....	1	1	2
Phthisis pulmonalis ..	34	6	40	Thermic fever.....	2	1	3
Rheumatism, acute.....	21	7	28	Græmia.....	1	1	2
gonorrhœal.....	6	1	7	Dysentery.....	1	1	2
chronic.....	1	1	2	Conjunctivitis.....	1	1	2
muscular.....	4	1	5	Chlorosis.....	1	1	2
sub acute.....	2	1	3	Salpingitis.....	1	1	2
Pneumonia.....	21	10	31	Ovaritis, acute.....	1	1	2
Alcoholism, acute.....	4	4	8	Ovaritis, chronic.....	1	1	2
Delirium tremens.....	4	4	8	Ovitis, acute.....	1	1	2
Bronchitis, acute.....	4	4	8	Hydro pneumo thorax and	1	1	2
Bronchitis, chronic.....	4	4	8	general tuberculosis ..	1	1	2
Malingery.....	4	4	8	Lumbago.....	1	1	2
Febricula.....	4	4	8	Pregnancy.....	1	1	2
Heart disease, valvular ..	4	4	8	Periculous anaemia.....	1	1	2
Heart disease, functional	4	4	8	Phlebitis.....	1	1	2
Insanity.....	4	4	8	Partial starvation.....	1	1	2
Insanity, puerperal.....	4	4	8	Hystero-epilepsy.....	1	1	2
La Grippe.....	4	4	8	Miscarriage.....	1	1	2
Cholera morbus.....	4	4	8	Empyema.....	1	1	2
Peritonitis.....	4	4	8	Epistaxis.....	1	1	2
Peritonitis puerperal.....	4	4	8	Aphasia.....	1	1	2
Pleurisy, effusion.....	4	4	8	Nervous shock.....	1	1	2
Haemorrhage, cerebral.....	4	4	8	Melancholia.....	1	1	2
Haemorrhage, spinal.....	4	4	8	Hodgkins disease.....	1	1	2
Myelitis, chronic.....	4	4	8	Endocarditis.....	1	1	2
Myelitis, acute.....	4	4	8	Arcola hyperplasia uteri.....	1	1	2
Meningitis.....	4	4	8	Typhilitis.....	1	1	2
Meningitis purulent.....	4	4	8	Hysteria.....	1	1	2
Spinal sclerosis.....	4	4	8	Malaria.....	1	1	2
Solastica.....	4	4	8	Leucocythæmia.....	1	1	2
Hæmorrhæa.....	4	4	8	General debility.....	1	1	2
Epilepsy.....	4	4	8	Dementia.....	1	1	2
Constipation.....	4	4	8	Gen glandular inflammation	1	1	2
Poisoning, strychnia.....	4	4	8	Cirrhosis of liver.....	1	1	2
Poisoning, chloroform.....	4	4	8	Chronic gastric catarrh.....	1	1	2
Bright's disease.....	4	4	8	Acute nephritis.....	1	1	2
Acute gastritis.....	4	4	8	Electric shock.....	1	1	2
Laryngitis et pharyngitis.....	4	4	8	Cramps, stomach.....	1	1	2
Asthma.....	4	4	8	Chorea.....	1	1	2
Partial asphyxia.....	4	4	8	Cancerous cachexia.....	1	1	2
Ophthalmia.....	4	4	8				
Paresis, legs and arms.....	4	4	8				
Tumor, cerebri.....	4	4	8				
				Totals.....	256	112	368

SURGICAL CASES.

	Male	Female	Total		Male	Female	Total
Fractures, leg	12	4	16	Hernia, strangulated, ingu-	12	1	13
femur	12	4	16	Inal.	12	1	13
femur, intra capsu-	1	1	2	inguinal	1	1	2
lar	1	1	2	Ulcers, leg	4	1	5
Potts	1	1	2	cornea	1	1	2
clavicle	1	1	2	Synovitis, knee	1	1	2
metatarsal	1	1	2	ankle	1	1	2
compound, leg	1	1	2	wrist, chronic	1	1	2
skull	1	1	2	Burns, arm	1	1	2
inferior maxillary	1	1	2	back	1	1	2
comp. com. leg and	1	1	2	general	1	1	2
femur	1	1	2	fingers	1	1	2
Colles	1	1	2	Frozen feet	1	1	2
rib	1	1	2	Frozen toes	1	1	2
humerus	1	1	2	Cellulitis, hand	1	1	2
ulna	1	1	2	feet	1	1	2
spine	1	1	2	ankle	1	1	2
radius and ulna	1	1	2	Carbuncles, neck	2	1	3
femur and incised	1	1	2	hand	1	1	2
wound, scald	1	1	2	Necrosis, tibia	1	1	2
femur and inferior	1	1	2	tibia and fibula	1	1	2
maxillary	1	1	2	toe	1	1	2
crushed fingers	1	1	2	femur	1	1	2
base of skull and	1	1	2	Abscess, axilla	1	1	2
Colles	1	1	2	mammary	1	1	2
comp. com. foot	1	1	2	ischio-rectal	1	1	2
comp. leg and mul-	1	1	2	Stricture, urethra	2	1	3
tiple injuries	1	1	2	urethra with infl-	1	1	2
comp. com. thigh	1	1	2	tration	1	1	2
and multiple inj's	1	1	2	Syphilis	7	3	10
skull, comp. com.	1	1	2	Bubo	4	1	5
legs and multiple	1	1	2	Potts, disease of the spine	2	2	4
injuries	1	1	2	Eczema	2	1	3
ribs, comp. radius	1	1	2	Enlarged and suppurating	1	2	3
and multiple inj's	1	1	2	glands, cervical	1	2	3
Wounds, incised, scalp	3	1	4	Epididymitis	3	1	4
scalp and face	1	1	2	Gonorrhoea	1	1	2
wrist	1	1	2	Hip joint disease	2	1	3
foot	1	1	2	Orchitis	2	1	3
lacerated toes	1	1	2	Concussion of brain	1	1	2
scrotum	1	1	2	Amputation leg, convalescent	1	1	2
hand	1	1	2	Iritis and corneal ulcer, gon-	1	1	2
scalp and	1	1	2	orrhoeal	1	1	2
thigh	1	1	2	Epithelioma, penis	1	1	2
contused, thigh	1	1	2	Paraphimosis	1	1	2
neck	1	1	2	Dislocation, shoulder, con-	1	1	2
thumb	1	1	2	valescent	1	1	2
hip and face	1	1	2	Lacerated cervix	1	1	2
gunshot, neck	1	1	2	Fistula in ano	1	1	2
gunshot, head	1	1	2	Sarcoma, testis	1	1	2
stab. neck, breast and	1	1	2	Chancreoid	1	1	2
back	1	1	2	Balanitis	1	1	2
Sprains, ankle	5	1	6	Ovarian haematocoele	1	1	2
back	4	1	5	Cystic tumor, knee	1	1	2
knee	3	1	4	Resection knee, convalescent	1	1	2
wrist	1	1	2				
Hernia, strangulated, femoral	1	1	2	Totals	144	27	171

AGE OF PATIENTS.

From one to ten years	1	From fifty to sixty years.....	47
From ten to twenty years.. ..	37	From sixty to seventy years.....	12
From twenty to thirty years.....	219	From seventy to eighty years	4
From thirty to forty years.....	136	From eighty to ninety years.....	1
From forty to fifty years.....	82		
		Total	539

NATIONALITY OF PATIENTS.

Swedes.....	132	Scotch	7
Americans	99	Hebrews	5
Norwegians.....	78	Canadians	4
Irish.....	69	Bohemians	3
Germans.....	67	Russians	2
English.....	16	Icelander.....	2
French.....	12	Italian.....	1
Finlanders.....	11	Hungarian.....	1
Negroes	10	Welsh.....	1
Danes.....	10		
Poles.....	9	Total	539

RELIGION OF PATIENTS.

Lutheran	216	Congregationalist.....	4
Catholic	126	Christians.....	2
None	100	Universalist	2
Methodist.....	27	Spiritualist	1
Baptist.....	13	Agnostic.....	1
Jew	12	Salvation army.....	1
Presbyterian	11	Unitarian	1
Protestant	8	Peoples.....	1
Episcopal	7		
Swedish mission.....	6	Total	539

OCCUPATION OF PATIENTS.

Laborer	208	Agent.....	2
Domestic.....	80	Porter	2
Housewife.....	20	Watchman	2
Teamster.....	15	Dairyman	2
Cook.....	11	Glazier.....	1
Seamstress.....	11	Cistern cleaner.....	1
Carpenter	10	Sawyer	1
Painter.....	10	Brakeman.....	1
Clerk	10	Steam fitter.....	1
Peddler.....	9	Liveryman	1
Farmer.....	8	Bridgebuilder	1
Blacksmith	8	Tinsmith.....	1
Stone mason.....	7	Fireman.....	1
Waiter.....	5	Steward	1
Bartender.....	5	Newsboy	1
Bookkeeper.....	5	Brewer	1
Waitress.....	4	Moulder.....	1
Tailor.....	4	Weaver.....	1
Plumber.....	4	Saloonkeeper	1
Machinist	4	Collector.....	1
Barber	4	Watch maker	1
Butcher	3	Curtain maker	1
Solicitor.....	3	Fruit dealer	1
Cooper.....	3	Crimper	1
Switchman.....	3	Merchant.....	1
Student.....	3	Scavenger.....	1
Shoemaker	3	Reporter.....	1
Hostler	3	Pointer.....	1
Engineer.....	3	Oiler.....	1
Janitor	2	Pressman	1
Baker.....	2	Street car driver	1
Conductor	2	Cashier.....	1
Plasterer.....	2	Newsdealer	1
Musician	2	Gardener.....	1
Boiler maker	2	Broom maker.....	1
Actress.....	2	Hod carrier.....	1
Horse shoer.....	2	Millwright	1
Stone cutter.....	2	Soldier.....	1
Miller	2		
Actor.....	2	Total	539

SOCIAL CONDITION.

Single.....	300
Married	172
Widowed	47
Total	539

NUMBER OF DEATHS AND CAUSES

	Male	Female	Total
Phthisis Pulmonalis	10	4	23
Pneumonia	10	11	11
Shock following accident.....	10	10	10
Typhoid fever.....	10	7	7
Peritonitis ac diffuse.....	1	4	4
Peritonitis puerperal.....	1	1	1
General tuberculosis.....	10	4	4
Myelitis.....	1	2	2
Uraemia.....	1	1	1
Cerebral haemorrhage.....	1	1	1
Heart disease, valvular.....	1	1	1
Meningitis, cerebral.....	1	1	1
Meningitis, purulent.....	1	1	1
Pernicious Anaemia.....	1	1	1
Pleurisy with effusion.....	1	1	1
Carcinoid cancer, lungs & pelvis.....	1	1	1
Suicidal shooting.....	1	1	1
Gen'l glandular inflammat'n.....	1	1	1
Strangulated hernia.....	1	1	1
Total.....	58	18	76

SIXTH ANNUAL REPORT

Superintendent Minneapolis Workhouse.

1891.

BOARD OF CHARITIES AND CORRECTIONS OF THE CITY OF MINNEAPOLIS

MAYOR P. B. WINSTON, *ex-officio*.
B. CLOUTIER, Chairman, H. B. MARTIN,
DR. F. R. WOODARD, PROF. JOHN G. MOORE,
CAPT. C. L. SNYDER, Secretary.

COMMITTEE ON WORKHOUSE

H. B. MARTIN, Chairman, PROF. JOHN G. MOORE.

PRESENT OFFICERS AT WORKHOUSE

MATHIAS GROSS	-	-	-	-	Superintendent.
M. WHEALAN	-	-	-	-	Deputy.
GEO. P. DODD	-	-	-	-	Hall Master.
E. R. MOHLER	-	-	-	-	Engineer.
FRANK BUCKLEY	-	-	-	-	Asst. Engineer.

GUARDS

H. E. STROUT,
WILLIAM BURNS,
HENRY GOSS,
CHAS. HOPPER,

JOSEPH FARRELL,
A. A. SANFORD,
ALEX GALLIPEAN,
JOHN HAEHN.

J. C. POUCHER, Driver.
JOHN HARRINGTON, Cook.
MRS. ANJIE TAYLOR, Matron.
THOS. H. LUCAS, Night Watch.

MINNEAPOLIS WORK HOUSE.

MINNEAPOLIS WORK HOUSE, Jan, 4, 1892.

To the Honorable Board of Charities and Corrections.

GENTLEMEN:—I have the honor to submit herewith the sixth annual report of the Work House. Having been elected superintendent by your honorable body, December 21st, this report covers the time of my predecessor, Mr. John West, up to that time and I submit the statistics as I find them.

The number of inmates received during the year was, males, 1,558; females, 98; a total of 1,656, a falling off from last year of 36.

STATISTICAL.

The accompanying tables will show everything in detail. The total outlay for the Work House for the year was \$21,888.97. This includes salaries of officers and employes. The living expense was \$3,593.96. The farm produce used added make a total for that item of \$3,933.49. The number of days fed, including officers and employes, was 40,880; the cost per capita per diem was 9.62 cents; per week, 67.34 cents, which I think is a good showing, as the officers and inmates are well fed.

The report in detail will show for itself the exact condition of affairs.

I desire to make a few suggestions relative to the efficient conduct of the Work House. I desire that the officers be sworn in and that they be supplied with some badge or uniform; that they be clothed with special police powers, as far as pertains to the Work House and its inmates. I have made some changes, and, with the approval of the board, will make more if it is necessary to do so.

Old men are not the proper material from which to make guards for a prison. The very foolish notion is abroad that anyone will do for a guard at the Work House, when as a matter of fact we need young, active, robust men of good judgment, and not decrepid, sickly men who are unfit for any other occupation or labor.

PRISON LABOR.

At present we are working about seventy men in the quarry every day, blasting and clearing off the stone. In the spring we will have 2,500 loads of stone ready to macadamize the roads leading to and from the city. This is the only work now except the routine work of the prison. The question of labor is a very important one, and before long must be solved by your honorable body.

The sewage and water supply will also require attention. I trust with the aid of the board, to be able during the coming year to make as good a showing as any institution of the kind, with the same chance that we have.

Very respectfully,

MATHIAS GROSS,
Superintendent.

LEDGER BALANCES OF THE MINNEAPOLIS WORK HOUSE FOR THE FISCAL
YEAR ENDING DEC. 31, 1891.

	Dr.	Cr.
Insurance.....	\$ 908.75	
Printing and stationery.....	44.16	
Tools.....	22.25	
Salaries.....	10,462.62	
Fuel and light.....	1,770.03	
Expense account.....	1,155.98	
Building and repairs.....	1,565.57	
Living	3,593.96	
Medical expense.....	106.54	
Farm and garden.....	1,024.06	
Stock, harness and implements.....	40.08	
Feed.....	1,103.42	
Routine work.....	7,320.75	
House furnishing.....	445.79	
Public road work.....	7,863.00	
Clothing.....	2,429.76	
Improving grounds.....	703.50	
Cutting ice.....	93.75	
Work of teams.....	2,764.50	
Work house collections.....	239.65	
Convict labor.....		\$18,765.00
Teaming.....		2,764.50
City treasurer and secretary of board.....		239.65
Bills audited.....		21,888.97
Total.....	\$43,658.12	\$43,658.12

BILLS AUDITED EACH MONTH.

January.....	\$ 2,662.09	
February.....	2,317.12	
March.....	1,891.28	
April.....	1,617.07	
May.....	1,540.70	
June.....	1,856.27	
July.....	1,364.68	
August.....	1,340.31	
September.....	1,379.27	
October.....	1,520.18	
November.....	2,347.95	
December.....	2,051.15	
Total.....	\$21,888.97	
Work house collections.....		239.65
Convict labor.....		18,765.00
Teaming.....		2,764.50
Total.....		\$43,658.12

AVERAGE NUMBER OF PRISONERS IN WORK HOUSE FOR THE FISCAL
YEAR ENDING DECEMBER 31, 1891.

MONTH.	No. of days.	Whole number.	Daily average.
January	31	3,385	109.19
February.....	28	3,122	111.50
March.....	31	3,715	119.84
April.....	30	3,011	100.37
May.....	31	1,995	64.35
June.....	30	2,185	72.83
July.....	31	2,147	69.26
August.....	31	1,038	62.51
September.....	30	1,805	60.17
October.....	31	2,068	67.35
November.....	30	2,913	97.10
December.....	31	4,181	134.87
Total number of days.....	365		
Total days.....		32,485	
Daily average for the year.....			89.

WORKHOUSE REPORT.

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RESULTS OF FARMING.

	Dr.	Cr.
Peas, 15 bushels @ 35c.....	\$5.25	
Beans (string) 8 bushels @ 50c.....	4.00	
Cucumbers (table) 10 bushels @ 25c.....	2.50	
Onions, 135 bushels @ 50c.....	67.50	
Beets, 75 bushels @ 25c.....	18.75	
Parsnips, 120 bushels @ 25c.....	30.00	
Carrots, 317 bushels @ 40c.....	126.80	
Turnips, 90 bushels @ 25c.....	22.50	
Cantaloupes, 125.....	2.50	
Water melons, 100.....	3.00	
Squash, 250.....	12.50	
Pumpkins 50.....	2.50	
Citrons, 100.....	.75	
Sweet corn, 375 doz. @ 5c.....	17.75	
Celery, 50 doz. @ 5c.....	2.50	
Early vegetables.....	25.00	
Tomatoes, 125 bushels @ 40c.....	50.00	
Cucumbers, pickling 8 bushels @ 1.00.....	8.00	
Cauliflower 75 @ 5c.....	3.75	
Cabbage, 1,200.....	25.00	
Beans (field) 30 bushels @ \$2.25.....	67.50	
Corn (field) 325 bushels @ 40c.....	130.00	
Hay, 6 tons @ \$10.....	60.00	
Corn fodder.....	15.00	
Potatoes, 2,045 bushels @ 25c.....	511.25	
5,387 pounds pork @ 5c.....	269.35	
29 shoats on hand @ \$5.00.....	145.00	
Total.....	\$1,628.65	
Convict labor.....		\$822.00
Seed.....		202.06
Balance in favor of farm.....		604.59
Total.....	\$1,628.65	\$1,628.65

MAINTENANCE OF WORK HOUSE FOR THE FISCAL YEAR ENDING DECEMBER 31, 1891.

Salaries.....	\$10,462.62	
Clothing.....	2,429.76	
Living.....	3,593.96	
Feed.....	1,103.42	
Fuel and light.....	1,770.03	
Medical expenses.....	106.54	
Expense account.....	1,155.98	
Surplus of credits over expenditures.....	3,393.13	
Profits of farming.....		\$604.59
Estimated amount of fuel on hand.....		15.00
Estimated amount of groceries on hand.....		126.70
Estimated amount of clothing and bedding on hand.....		1,500.00
Teaming.....		2,764.50
Convict labor.....		18,765.00
Work house collections.....		239.65
Total.....	\$24,015.44	\$24,015.44

MAINTENANCE EXCLUDING CLOTHING, SALARIES, ETC.

Cost of groceries and provisions.....	\$3,593.96	
Farm produced used.....	600.00	
Less groceries and provisions on hand.....		\$126.70
Less cash for board of county prisoners.....		133.77
Total.....	\$4,193.96	\$260.47
Balance total cost.....		\$3,933.49
Whole number of inmates including officers and employes for the year ending December 31, 1891.....		40,880
Cost per capita per diem.....	.09.62	
Cost per capita per week.....	.67.34	
Cost per capita for the year.....	\$35.01.68	

INVENTORY OF PERSONAL PROPERTY IN MINNEAPOLIS WORKHOUSE
DECEMBER 31, 1891.

Office.....	\$400.00
Guard room.....	287.00
Library.....	30.00
Barber shop.....	25.00
Officer's sleeping rooms.....	275.00
Cell room, east wing.....	400.00
Cell room, north wing.....	1,100.00
Prisoner's dining room.....	225.00
Officer's mess room.....	65.00
Kitchen.....	475.00
Laundry.....	125.00
Female dormitories.....	225.00
Carpenter shop.....	40.00
Boiler room, tools.....	140.00
Barn, including stock and feed.....	2,120.00
Tool and wagon house.....	700.00
Cellar.....	200.00
Bake shop.....	35.00
Store room, clothing.....	1,500.00
Store room, provisions.....	126.70
Hospital and dispensary.....	175.00
Root house.....	550.00
Ice house.....	20.00
Shoe shop.....	15.00
Total.....	\$9,273.70

WORKHOUSE COLLECTIONS FOR 1891.

Board of county prisoners, 1891.....	\$82.70
January 1, cow sold.....	20.00
March 10, calf hide sold.....	1.05
Wood sold to officers and employes.....	42.98
October 19, board of county prisoners.....	51.07
Convict labor, John West.....	2.25
December, vegetables sold city hospital.....	30.60
Total.....	\$239.65
February 21, city treasurer's receipt, No. 3.985.....	\$82.70
Secretary Snyder, board of county prisoners.....	51.07
Secretary Snyder, from John West.....	66.24
Secretary Snyder, from city hospital.....	30.60
Total.....	\$239.65
	\$239.65

SUMMARY.

Real estate, 60 acres.....	\$75,000.00
Cost of buildings.....	105,000.00
Improvement on buildings, labor and material.....	1,565.57
Personal property, as per inventory.....	9,273.70
Total.....	\$190,839.27

STATEMENT OF PRISONERS.

Remaining in prison December 31, 1890.

Male.....	87
Females.....	9
Total.....	96

Number of prisoners received from December 31,
1890 to December 31, 1891.

Males.....	1,588
Females.....	98
Total.....	1,686
	1,782

Number discharged.

Males.....	1,526
Females.....	99
Total.....	1,625

Whole number discharged.

Expiration of sentence	1,439
Payment of fine.....	87
Sentence suspended.....	85
Pardoned by the governor.....	3
Escaped.....	10
Died.....	1
Total.....	1,625

Remaining in prison December 31, 1891.

Males.....	140	
Females.....	8	
Total.....	157	157

NUMBER RECEIVED EACH MONTH.

MONTH.	Males.	Females.	Total.
January.....	166	6	172
February.....	133	6	139
March.....	130	9	139
April.....	96	7	103
May.....	99	4	103
June.....	135	8	143
July.....	107	8	115
August.....	105	7	112
September.....	101	14	115
October.....	123	16	139
November.....	163	7	170
December.....	230	6	236
Total	1,588	98	1,686

NUMBER DISCHARGED EACH MONTH.

MONTH.	Males.	Females.	Total.
January.....	156	7	163
February.....	116	4	120
March.....	128	7	135
April.....	152	9	161
May.....	102	8	110
June.....	130	7	137
July.....	113	5	118
August.....	108	9	117
September.....	105	9	114
October.....	107	13	120
November.....	118	16	134
December.....	191	5	196
Total.....	1,526	99	1,625

NUMBER REMAINING AT END OF EACH MONTH.

MONTH	Males.	Females.	Totals.
January.....	97	8	105
February.....	114	10	124
March.....	116	12	128
April.....	60	10	70
May.....	57	6	63
June.....	62	7	69
July.....	56	10	66
August.....	53	8	61
September.....	49	13	62
October.....	65	16	81
November.....	110	7	117
December.....	149	8	157
Total.....	988	115	1,103

TERMS OF SENTENCES OF PRISONERS RECEIVED DURING THE YEAR.

	Males.	Females.	Totals.
Two days.....	2	.....	2
Three days.....	3	.....	3
Five days.....	24	.....	24
Ten days.....	899	21	920
Fifteen days.....	41	1	45
Twenty days	163	7	170
Thirty days.....	272	32	304
Forty days.....	1	.....	1
Sixty days.....	142	27	169
Ninety days.....	37	11	48
Total.....	1,587	99	1,686

BY WHOM THOSE RECEIVED DURING THE YEAR WERE CONVICTED.

	Males.	Females.	Total.
District court, Hennepin county.....	2	.....	2
Minneapolis municipal court.....	1,585	99	1,684
Total.....	1,587	99	1,686

PREVIOUS OCCUPATION.

Agents	8	Glass blower.....	1
Apprentice	6	Gardener.....	2
Acrobat	1	Glass cutter.....	1
Brakeman.....	32	Glazier	1
Baker	9	Housekeeper.....	34
Boiler maker	6	Harness maker.....	3
Brick maker.....	1	Helper.....	2
Brick layer....	14	Hack driver.....	3
Blacksmith	19	Horse dentist.....	1
Butcher.....	16	Horse shoer.....	1
Barber.....	27	Hatter.....	2
Box maker .	1	Hair dresser .	1
Barkeeper .	7	Jeweler.....	1
Brass moulder.....	1	Janitor	4
Brush maker	2	Jockey.....	1
Bookkeeper..	14	Landlord.....	1
Bell boy.....	1	Laborer.....	711
Boot black.....	1	Lumberman	14
Boatman.....	1	Lineman	2
Bill poster	1	Lather.....	4
Carriage trimmer.....	1	Laundress	8
Cigar maker.....	12	Lath sawyer.....	1
Cook.....	33	Laster.....	1
Carpenters.	34	Molder	18
Clerk	11	Machinest.....	12
Cabinet maker .	1	Miller	6
Cooper.....	15	Miner.....	3
Chimney sweep.....	1	Musician.....	6
Civil engineer	5	Marble cutter	1
Compositor	6	Meat carver.....	1
Candy maker.....	1	News agent	4
Carriage ironer.....	1	No occupation....	1
Carriage maker.....	1	Nailer	3
Cutter	4	Nursery man.....	1
Caterer.....	2	Paper maker	5
Car repairer	1	Plumber	6
Collector	2	Peddler	2
Chambermaid	3	Printer.....	19
Contractor.....	1	Plasterer.....	7
Domestic.....	30	Painter.....	40
Draughtsman.....	1	Porter	5
Engineer.....	18	Prostitute.....	7
Errand boy.....	3	Polisher	2
Expressman.....	4	Plater	2
Editor	1	Piano finisher.....	1
Farmer.....	31	Pressman	6
Fireman.	12	Pattern maker	1
Flour packer.....	5	Pilot.....	1
Florist	1	Photographer.....	2
Foreman	1	Soldier.....	8
Groom.....	44	Stone mason	13

WORKHOUSE REPORT.

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Stone cutter.....	8	Telegraph operator.....	4
Switchman.....	43	Teacher.....	2
Sawyer.....	1	Tobacconist.....	1
Shoemaker.....	26	Track layer.....	1
Sailor.....	10	Undertaker.....	1
Salesman.....	7	Upholsterer.....	2
Steam fitter.....	4	Veternary surgeon.....	2
Seamstress.....	5	Walter.....	31
Saloon keeper.....	1	Wood engraver.....	1
Scaler.....	1	Waitress.....	1
Showman.....	1	Well digger... ..	3
Student.....	4	Wagon maker.....	2
Scavenger.....	1	Watch maker.....	2
Sail maker.....	3	Wood worker.....	2
Teamster.....	48	Wood turner.....	1
Tailor.....	15		
Tinner.....	14	Total.....	1,686

NATIVITY.

Austria.....	1	Missouri.....	24
Arkansas.....	1	Montana.....	1
Australia.....	1	Nevada.....	1
Bohemia.....	5	New York.....	174
Canada.....	95	New Jersey.....	5
Connecticut.....	3	New Hampshire.. ..	4
California.....	3	North Carolina.....	4
Colorado.....	1	Nebraska.....	2
Denmark.....	15	New Brunswick	6
Dist of Columbia.....	2	Norway.....	185
England.....	58	Ohio.....	46
Finland.....	8	Poland.....	3
France.....	2	Pennsylvania.....	69
Germany.....	51	Russia.....	1
Georgia.....	3	Rhode Island.....	8
Holland.....	1	St. Helena Island	2
Indiana.....	17	Sweden.....	153
Illinois.....	65	Switzerland.....	3
Iowa.....	54	Scotland.....	25
Ireland.....	203	Spain	1
Kentucky.....	8	Texas.....	1
Kansas.....	3	Tennessee.....	3
Louisiana.....	4	Vermont.....	11
Maine.....	33	Virginia.....	3
Massachusetts.....	56	Wisconsin.....	100
Michigan.....	45	Wales.....	2
Maryland.....	9	West Virginia.....	1
Minnesota.....	101		
		Total.....	1,686
Foreign born.....			821
Native born.....			865
Total.....			1,686

AGE WHEN COMMITTED.

Under twenty years.....	87
From twenty to twenty-five years.....	215
From twenty-five to thirty years.....	340
From thirty to thirty-five years.....	323
From thirty-five to forty year.....	233
From forty to forty-five years.....	182
From forty-five to fifty years.....	111
From fifty to sixty years.....	155
Sixty years and over.....	40
Total.....	1,686

RELIGIOUS TRAINING.

Roman catholics.....	761
Protestants.....	777
Without religious training.....	148
Total.....	1,686

HABITS OF LIFE.

Claim to be temperate.....	75
Moderate use of liquors.....	508
Admit themselves to be intemperate.....	1,103
Total.....	1,686

CRIME OR OFFENCE.

Assault and battery.....	18
Appearing in male attire.....	2
Cruelty to animals.....	2
Common prostitute.....	1
Contempt of court.....	3
Drunkenness.....	974
Disorderly conduct.....	117
Default of bonds to keep the peace.....	1
Fornication.....	4
Found in house of ill fame.....	13
Failure to support family.....	4
Fast driving.....	2
Gambling.....	5
Indecent exposure.....	3
Keeping house of ill fame.....	3
Keeping disorderly house.....	1
Larceny (Grand 3d degree).....	1
Larceny (Grand 2d degree).....	2
Larceny (petit).....	151
Malicious destruction of property.....	1
Obtaining money under false pretenses.....	5
Obtaining goods under false pretenses.....	3
Occupying rooms for purpose of prostitution.....	1
Peddling without license.....	2
Selling liquor without license.....	4
Vagrancy.....	339
Violating city ordinance.....	2
Using obscene language.....	2
Wife beater.....	1
Disturbing religious meeting.....	2
Total.....	1,686

COLOR.

White.....	1,665
Black.....	20
Indian.....	1
Total.....	1,686

SOCIAL RELATIONS.

Married and having children.....	236
Married and having no children.....	76
Widows and widowers having children.....	79
Widows and widowers having no children.....	27
Unmarried and having both parents living.....	323
Unmarried and having one parent living.....	278
No relations.....	667
Total.....	1,686

EDUCATION.

Could read and write.....	1,607
Could read only.....	36
Could neither read or write.....	43
Total.....	1,686

HEALTH ON ADMISSION.

Good health.....	1,300
Poor health.....	367
Cripples.....	19
Totals.....	1,686

PREVIOUS CONVICTIONS.

Received for the first time.....	831
Recommitted once.....	260
Recommitted twice.....	147
Recommitted three times.....	106
Recommitted four times.....	79
Recommitted five times.....	74
Recommitted six times.....	51
Recommitted seven times.....	26
Recommitted eight times.....	21
Recommitted nine times.....	15
Recommitted ten times.....	6
Recommitted eleven times.....	3
Recommitted twelve times.....	2
Recommitted thirteen times.....	1
Recommitted fourteen times.....	1
Recommitted fifteen times.....	1
Recommitted sixteen times.....	1
Recommitted seventeen times.....	1
Total.....	1,686

TABLE SHOWING THE GAIN IN WEIGHT OF PRISONERS DURING THEIR TERM OF IMPRISONMENT.

TIME IMPRISONED.	Number weighed	Increase	Decre'se	Balance	Largest single increase	Largest single decrease	Average increase	
		lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	oz.
Ten days.....	692	1,652	549	1,103	14	10	1	9½
Fifteen days.....	33	73	32	41	9	10	1	3½
Twenty days.....	127	407	64	343	16	7	2	12½
Thirty days.....	197	704	119	585	18	7	2	15½
Sixty days.....	79	335	84	251	15	11	3	03
Ninety days.....	29	88	55	33	26	20	1	01
Total.....	1,157	3,259	903	2,356	.....	.....	.....	.....

TABLE SHOWING THE CURRENT MONTHLY EXPENSES FOR THE YEAR ENDING DECEMBER 31, 1891 AND THE AVERAGE WEEKLY COST PER CAPITA FOR EACH ITEM

ITEMS.	January	February	March	April	May	June	July	August	September	October	November	December	Total	Average weekly cost per capita.
Tools	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Printing & stationery	810.00	120.00	120.00	114.00	875.00	875.00	840.00	850.00	850.00	850.00	850.00	850.00	850.00	850.00
Salaries	824.88	418.58	418.58	418.58	418.58	418.58	418.58	418.58	418.58	418.58	418.58	418.58	418.58	418.58
Fuel and light	680.14	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08
Expense	113.87	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08
Clothing & bedding	413.77	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08	118.08
Living	387.48	400.08	400.08	400.08	400.08	400.08	400.08	400.08	400.08	400.08	400.08	400.08	400.08	400.08
Medical expense	19.84	...	...	...	...	...	...	...	...	...	...	...	...	...
Farm and garden	82.01	37.05	...	...	...	...	...	...	...	...	...	...	...	...
Feed	40.53	...	...	...	...	...	...	...	...	...	...	...	...	...
House furnishing	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	623.12	1,001.89	51,835.37	81,481.70	81,481.73	81,728.64	81,231.15	81,232.55	81,232.55	81,471.07	81,615.36	81,046.06	820,371.32	844.65

TABLE SHOWING PRISON LABOR, WHEN AND WHERE PERFORMED, NUMBER OF DAYS AND AMOUNT PER DAY FOR THE YEAR ENDING DECEMBER 31, 1891.

MONTHS	Routine work.		Farm and garden.		Building and repairs.		Public road		Making and re- pairing cl'ing.		Improving grounds		Teaming.		Cutting ice		Totals	
	Days.	Amount	Days	Amt.	Days	Amount	Days.	Amount	Days.	Amount	Days	Amount	Days	Amount	Days	Amt.	Days.	Amount
January	908	\$744.00	...	...	255	\$192.00	1,134	\$850.50	135	\$101.25	...	...	77	\$244.50	128	\$83.75	2,718	\$2,298.00
February	888	851.00	...	...	144	108.00	882	681.50	120	90.00	...	...	68	215.00	...	...	2,083	1,728.50
March	1,184	880.50	...	...	297	222.75	945	708.75	81	60.75	...	...	75	388.50	...	...	2,582	2,081.25
April	880	837.50	154	115.50	78	58.50	935	693.75	158	117.00	235	175.25	76	341.00	...	...	2,474	2,029.50
May	688	409.50	180	97.50	64	40.50	729	554.25	135	101.25	243	182.25	80	353.00	...	...	2,184	1,728.75
June	400	439.00	300	150.00	115	86.25	800	600.00	104	78.00	340	255.00	97	344.50	...	...	2,038	1,609.25
July	718	537.00	135	101.25	70	52.50	762	571.69	148	81.00	160	120.00	76	341.00	...	...	2,038	1,707.75
August	500	551.75	44	33.00	15	12.00	783	587.25	141	72.00	...	...	73	246.00	...	...	1,682	1,445.50
September	600	375.00	150	112.50	44	33.00	680	473.50	139	101.25	...	...	73	246.00	...	...	1,463	1,201.50
October	617	462.75	253	212.25	80	61.50	812	609.00	165	78.75	...	...	78	341.00	...	...	1,781	1,504.75
November	808	651.00	...	...	115	86.25	1,414	1,065.50	165	78.75	...	...	65	336.50	...	...	1,000	1,083.75
December	1,201	906.75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,953	2,474.50
Total	9,791	\$7,380.75	1,000	\$822.00	1,329	\$936.75	10,484	\$7,881.00	1,287	\$995.25	938	\$703.50	860	\$8,744.00	1,285	\$83.75	25,880	\$21,630.00

ANNUAL REPORT
INSPECTOR OF STREET LIGHTS.
1891.

MEMBERS OF THE STANDING COMMITTEE ON GAS

Alderman J. H. PARRY, *Chairman.*

Aldermen DURNAM, FARNSWORTH, SCHWARTZ, HAYNES.

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INSPECTOR OF STREET LIGHTS.

To the Honorable City Council :

J. M. MELOY,

TABLE No. 1.

[illegible]

TABLE No. 2.

SHOWING THE NUMBER OF LIGHTING NIGHTS AND HOURS LIGHTED, AS PER SCHEDULE OF STREET LIGHTING, ALSO THE EXCESS LIGHTING OWING TO CLOUDY WEATHER.

1891.	Gas.		Gasoline.		Electric.			
	No. of lighting nights.	Hours. lighted.	No. of light- ing nights.	Hours lighted.	No. of lighting nights.	Hours required by sched'le.	Excess of schedule.	Total hours.
January.....	21	194	21	182	28	216	43	250
February ...	18	156	18	156	24	180	52	241
March.....	20	152	20	147	27	173	73	246
April	19	145	19	140	25	156	32	186
May.....	20	135	20	135	29	149	17	166
June.....	20	128	20	128	27	145	32	177
July	22	131	22	126	28	143	17	160
August	23	150	23	143	28	157	12	169
September ..	22	173	22	167	27	186	7	193
October.....	23	193	23	185	28	211	34	245
November...	22	207	22	207	27	236	49	285
December...	22	221	22	221	28	259	46	305
Total.....	252	1985	252	1,937	328	2,220	414	2,634

TABLE No. 3.

SHOWING THE ELECTRIC LAMP REMOVALS FOR THE YEAR 1891.

From Chicago ave. and Twenty-sixth st., to Tenth ave. south and Thirty-fifth st.
From Chicago ave. and Twenty-eighth st., to Fourteenth av. south and Thirty-fifth st.
From Chicago ave. and Twenty-ninth st., to Cedar ave. and Thirty-fifth st.
From 18½ ave. NE. and Quincy st., to Nineteenth ave. NE. and Central ave.
From Third ave. NE. and Jackson st., to Third ave. NE. and Central ave.
From Twenty-eighth ave. south and Twenty-seventh st., to Twenty-seventh ave. south and Twenty-seventh st.
From Twenty-eighth ave. south and Twenty-sixth st., to Twenty-seventh ave. south and Twenty-sixth st.
From Twenty-third ave. south and Twenty-sixth st., to Minnehaha ave. and Thirty-second st.
From Third ave. south and Twenty-seventh st., to Seventh ave. NE. and Ramsey st.
From Third ave. south and Twenty-eighth st., to Fourth ave. south and Thirty-eighth st.
From High st., opposite Union Depot, to High st. and First ave. south.
From Lyndale ave. south and Lincoln ave., to Nineteenth ave. and Second st. south.

TABLE No. 4.

SHOWING NUMBER OF ELECTRIC LAMPS ADDED TO THE SERVICE DURING THE YEAR 1891. AND WHERE PLACED.

On Third street north, at Fourteenth avenue north.
On Third street north, at Fifteenth avenue north.
On Third street north, at Seventeenth avenue north.
On Third street north, at Eighteenth avenue north.
On Third street north, between Eighteenth and Twentieth avenue north.
On Sixth street north, at Twenty-ninth avenue north.
On Bryant avenue north, at Twenty-sixth avenue north.
On Emerson avenue north, at Twenty-sixth avenue north.
On Crystal Lake avenue at Twentieth avenue north.
On Nicollet avenue, at Fortieth street.
On Nicollet avenue, at Forty-third street.
On Nicollet avenue, at Forty-sixth street.
On Nicollet avenue, between Fiftieth and fifty-first street.
On Chicago avenue, at Thirty-fifth street.
On Ninth avenue south, at Thirty-third street
On Bloomington avenue, at Thirty-first street.
On Seventeenth avenue south, at Thirty-second street.
On Minnehaha avenue, at Thirty-fourth street.
On Second street northeast, at Nineteenth avenue northeast.
On Second street northeast, at Twenty-second avenue northeast.
On Second street northeast at Twenty-fifth avenue northeast.
On Central avenue, at Fifth-street.
On Central avenue, at Broadway.
On Central avenue, at Fifteenth avenue northeast.
On Central avenue, at Twenty-fourth avenue northeast.
Total, 25.
Also fifteen (15) incandescent lamps on south side of steel arch bridge.

TABLE NO. 5
SHOWING THE NUMBER OF GAS LAMPS ADDED TO THE SERVICE DURING
THE YEAR 1891

	Number of lamps.
On Chicago avenue, from Twenty-fifth street to Lake street	30
On Ninth street, from Fifth avenue south, to Sixth avenue south	2
On Clifton avenue	2
On Fifth street south, from Thirteenth avenue south to Cedar avenue	13
On Third avenue south, from Twenty-sixth street to Twenty-eighth street	10
On Second avenue southeast, from University avenue to Seventh street southeast	8
On Sixth street southeast, from Central avenue to Second avenue southeast	3
On Seventh street southeast, from Central avenue to Second avenue southeast	3
On Tenth avenue south bridge	3
On Tenth avenue south, from Second street south to Tenth avenue south bridge	2
On East Fourteenth street, from Park avenue to Chicago avenue	3
On East Fifteenth street, from Park avenue to Chicago avenue	3
On Park avenue, from Twenty-eighth street to Lake street	9
On Lyndale avenue south, from Groveland avenue to Ridgewood avenue	9
On Ridgewood av	1
On West Twenty-first street, from Kenwood parkway to Sheridan avenue south	2

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TABLE NO. 6.
SHOWING THE NUMBER AND LOCATION OF GAS STREET LAMPS, JANU-
ARY 1st, 1892

	Number of lamps.
On Main street northeast, from Central avenue to Thirteenth ave. northeast	53
On Fire engine house, cor. Main st. northeast to Thirteenth ave. northeast	1
On Second street northeast, from Central avenue to Broadway	73
On University avenue northeast, from Central avenue to Broadway	41
On Fourth street northeast, from Central avenue to Broadway	42
On Fifth street northeast, from Central avenue to Broadway	41
On Adams street, from Fourth avenue northeast to Broadway	21
On Seventh street northeast, from Central avenue to Third Avenue northeast	8
On Monroe street, from Third avenue Northeast to Broadway	30
On Central avenue from Fifth street to Seventh street	13
On Island avenue	16
On Grove street	5
On Main street southeast, from Central avenue to Sixth avenue southeast	26
On Fire engine house, corner Second street southeast to Bank street	2
On University avenue southeast, from Central ave. to Fourteenth av. southeast	54
On Fourth street southeast, from First avenue southeast to Oak street	80
On Fifth street southeast, from Central avenue to Fourteenth ave. southeast	53
On Sixth street southeast, from Central avenue to Fourteenth ave. southeast	52
On Seventh street southeast, from Central ave. to Fourteenth ave. southeast	52
On Second ave. southeast from University ave. southeast to Seventh st. southeast	8
On Sixth av. southeast from east end of Tenth av. south bridge to Seventh st. SE	20
On Seventh av. southeast, from Seventh street southeast to Eleventh st. southeast	3
On Fire engine house, cor. Seventh av. southeast to Eighth street southeast	2
On Eighth ave. southeast, from Sixth street southeast to Seventh st. southeast	1
On Tenth av. southeast from University av. southeast to Seventh st. southeast	9
On Tenth avenue south bridge	5
On First street south, from Thirteenth avenue south to Fourteenth ave. south	4
On Second street south, from Tenth avenue south to Cedar avenue	16
On Fire engine house, Third street south from Nicolet avenue to First av. south	1
On Third street south, from Second avenue south to Fourteenth avenue south	48
On Fourth street south, from Third avenue south to Sixteenth avenue south	51
On Fire engine house, corner Fourth street south and Fifteenth avenue south	2
On Fifth street south, from Third avenue south to Seventeenth avenue south	54
On Sixth street south, from Third avenue south to Seventeenth avenue south	59
On Seventh street south, from Third avenue south to Fourteenth avenue south	45
On Eighth street south, from Third avenue south to Sixteenth avenue south	54
On Ninth street south, from Third avenue south to Chicago avenue	23
On Tenth street south, from Third avenue south to Chicago avenue	25
On Eleventh street south, from Third avenue south to Portland avenue	10
On Twelfth street south, from Third avenue south to Fourth avenue south	5
On Fire engine house, cor. Third avenue south and Twelfth street south	2
On Grant street, from Second avenue south to Third avenue south	1
On Third avenue south, from Third street south to Grant street	30
On Fourth avenue south, from Fourth street south to Grant street	14
On Fifth avenue south, from Seventh street south to Grant street	13
On Sixth avenue south, from First street south to Washington avenue south	4
On Fire engine house, corner Sixth avenue south, and Third street south	2
On Sixth avenue south, from Third street south to Grant street	24
On Nicolet avenue, from Fourteenth street to Twenty-eighth street	66
On First avenue south, from Grant street to Seventeenth street	16
On First avenue south, from Twenty-second street to Twenty-eighth street	37
On Stevens avenue, from Grant street to Twenty-eighth street	73
On Second avenue, south from Grant street to Thirty-third street	47
On Third avenue south, from Grant street to Twenty-eighth street	90
On Clinton avenue, from Grant street to Twenty-fourth street	43

TABLE NO. 6—Continued.

	Number of lamps.
On Fourth avenue south, from Grant street to Twenty-sixth street	52
On Fifth avenue south, from Grant street to Twenty-fourth street	44
On Portland avenue, from Grant street to Lake street	96
On Seventh avenue south, corner Second street south	1
On Park avenue, from Tenth street south to Lake street	87
On Park place, from Eighteenth street to Franklin avenue	5
On Chicago avenue, from Ninth street south to Lake street	81
On Tenth avenue south, from Tenth avenue south bridge to Second street south	5
On Eleventh avenue south, from Sixth street south to Franklin avenue	32
On Thirteenth avenue south, from First street south to Washington av. south	4
On Thirteenth avenue south, from Third street south to Tenth street south	13
On Fourteenth avenue south, from First street south to Washington avenue south	9
On Fourteenth avenue south, from Eighth street south to Franklin avenue	17
On Fifteenth avenue south, from Eighth street south to Franklin avenue	17
On Sixteenth avenue south, from Eighth street south to Franklin avenue	12
On Cedar avenue, from Bluff street to Second street south	6
On East Fourteenth street, from Fifth avenue south to Eleventh avenue south	20
On East Fifteenth street, from Portland avenue to Chicago avenue	8
On East Sixteenth street, from Portland avenue to Chicago avenue	19
On East Seventeenth street, from Nicollet avenue to Third avenue south	8
On East Twenty-fifth street, from Third avenue south to Fourth avenue south	5
On East Twenty-second street, from First avenue south to Third avenue south	6
On Franklin avenue, from Second avenue south to Eleventh avenue south	32
On West Fourteenth street, from Nicollet avenue to Willow street	10
On Vine Place, from West Fourteenth street to Groveland avenue	15
On Oak Grove street	30
On Clifton avenue	17
On Clifton Place	3
On Groveland avenue, from Lyndale avenue south to Clifton Place	4
On Groveland avenue, from Vine Place to Forest avenue	4
On Forest avenue	6
On Ridgewood avenue	20
On Lyndale avenue south, from Groveland avenue to Ridgewood avenue	9
On Hennepin avenue, from Kenwood Parkway to Twenty-ninth street	88
On Groveland avenue, west of Hennepin avenue	15
On Waverly Place	3
On Mt. Curve avenue	12
On Hillside place	2
On Kenwood Parkway	73
On Quaker avenue south, from Kenwood Parkway to Twenty-first street	6
On Sheridan avenue south, from Kenwood Parkway to Twenty-first street	9
On Twenty-first street, from Kenwood Parkway to Sheridan avenue	2
On Superior avenue, from Kenwood Parkway to Logan avenue north	10
On Logan avenue north, from Superior avenue to Elm street	5
On Elm street, from Superior avenue to Laurel avenue	10
On Erie avenue, from Logan avenue north to Morgan avenue north	1
On Oliver avenue north, from Fountain Place to Ash street	2
On Ash street, from Oliver avenue north to Laurel avenue	6
On Laurel avenue, from Elm street to Ash street	5
On First avenue north, from Third street north to Thirteenth street north	37
On Second avenue north, from Third street north to Western avenue	18
On Fire Headquarters, Second street north corner Third avenue north	2
On Third street north, from First avenue north to Fourth avenue north	7
On Third street north, from Sixth avenue north to Plymouth avenue	30
On Fourth street north, from First avenue north to Fourth avenue north	8
On Fourth street north, from Sixth avenue north to Plymouth avenue	34
On Fifth street north, from First avenue north to Eleventh avenue north	42
On Sixth street north, from Eleventh avenue north to Twentieth avenue north	35
On Ninth street north, from First avenue north to Hawthorne avenue	1
On Tenth street north, from Hennepin avenue to First avenue north	5
On Eleventh street north, from First avenue north to Hawthorne avenue	3
On Twelfth street north, from Western avenue to Hawthorne avenue	7
On Thirteenth street north, from Hawthorne avenue to Linden avenue	2
On Fifteenth street north, from Hawthorne avenue to Chestnut avenue	4
On Chestnut avenue, from Eleventh street north to Fifteenth street north	11
On Linden avenue, from Twelfth street north to Seventeenth street north	14
On Hawthorne avenue, from Ninth street north to Bryant avenue north	42
On Laurel avenue, from Hennepin avenue to Aldrich avenue north	19
On Bryant avenue north, from Laurel avenue to Hawthorne avenue	73
On Lyndale avenue north, from Western avenue to Twentieth avenue north	1
On Dupont avenue north, from Plymouth avenue to Twentieth avenue north	27
On Logan avenue north, from Eighth avenue north to Twelfth avenue north	15
On Western avenue, from First avenue north to Irving avenue north	67
On Sixth avenue north, from Third street north to Lyndale avenue north	25
On Eleventh avenue north, from Sixth street north to Dupont avenue north	16
On Fire Engine House, Twenty-fifth & Washington av. N & Third st. N	2
On Plymouth avenue, from Third street north to Dupont avenue north	30
On Sixteenth avenue north, from Third street north to Dupont avenue north	23
On Fire Engine House, Holden street	2
On Highland avenue	22
On Royaston avenue	20

Total

6,116

TABLE NO. 7.
SHOWING THE NUMBER AND LOCATION OF GASOLINE STREET LAMPS
JANUARY 1, 1902

	Number of lamps.
On Aldrich avenue south, from Franklin avenue to Twenty-seventh street.....	12
On Aldrich avenue south, from Twenty-ninth street to Thirty-first street.....	2
On Bryant avenue south, from Twenty-fifth street to Twenty-seventh street.....	3
On Bryant avenue south, corner Summit Avenue.....	1
On Bryant avenue south, from Twenty-seventh street to Twenty-eighth street.....	2
On Bryant avenue south, from Thirty-seventh street to thirty-eighth street.....	2
On Colfax avenue south, from Twenty-fourth street to Twenty-eighth street.....	9
On Colfax avenue south, corner Twenty-second street.....	1
On Colfax avenue south, from Mt. Curve avenue to Hennepin avenue.....	6
On Colfax avenue south, from Lake street to Thirty-second street.....	4
On Dupont avenue south, from Twenty-fourth street to Twenty-sixth street.....	5
On Emerson avenue south, from Twenty-sixth street to Twenty-eighth street.....	3
On Fremont avenue south, from Twenty-seventh street to twenty-ninth street.....	4
On Fremont avenue south, corner Thirty-first street.....	1
On Girard avenue south, from Twenty-seventh street to Twenty-ninth street.....	4
On Girard avenue south, from Lake street to Thirty-first street.....	2
On Hennepin avenue from Twenty-eighth to Lake street.....	3
On Irving avenue south, from Franklin avenue to Twenty-fourth street.....	4
On Irving avenue south, from Mt. Curve avenue to Douglas avenue.....	1
On James avenue south, corner Twenty-second street.....	1
On Knox avenue south, from Mt. Curve avenue to Douglas avenue.....	2
On Logan avenue south, from Mt. Curve avenue to Douglas avenue.....	1
On Lincoln avenue, from Dupont avenue south to Girard avenue south.....	4
On Lincoln avenue, corner Aldrich avenue south.....	1
On Franklin avenue, from Dupont avenue south to Irving avenue south.....	6
On Summit avenue, from Dupont avenue south to Girard avenue south.....	4
On Douglas avenue, from Dupont avenue south to Logan avenue south.....	9
On Mt. Curve avenue, from Irving avenue south to Kenwood parkway.....	6
On Bryant avenue south, corner Thirty-first street.....	1
On Garfield avenue, from Twenty-fourth street to Twenty-sixth street.....	8
On Garfield avenue, from Twenty-seventh street to Thirty-second street.....	14
On Grand avenue, from Franklin avenue to Twenty-fourth street.....	7
On Grand avenue, from Twenty-sixth street to Thirty-sixth street.....	26
On Harriet avenue, from Franklin avenue to Twenty-fifth street.....	10
On Harriet avenue, from Twenty-sixth street to Thirty-third street.....	20
On Pillsbury avenue, from Twenty-sixth street to Thirty-fourth street.....	14
On Blaisdell avenue, from Grove and avenue to Thirty-third street.....	37
On Lyndale avenue north, from Ontario avenue to Western avenue.....	18
On Chestnut avenue, from Fifteenth street north to Lyndale avenue north.....	6
On Aldrich avenue north, corner Linden avenue.....	1
On Sixteenth street north, from Linden avenue to Chestnut avenue.....	1
On Seventeenth street north, from Linden avenue to Chestnut avenue.....	1
On Laurel avenue, from Aldrich avenue north to Knox avenue north.....	14
On Bell place.....	1
On Forest avenue, from Bell place to Groveland avenue.....	3
On Groveland avenue, from Forest avenue to Pillsbury avenue.....	2
On Twenty-fourth street, from Aldrich avenue south to Hennepin avenue.....	6
On Twenty-fourth street, from Hennepin avenue to Lake place.....	9
On Twenty-sixth street, from Nicollet avenue to Pillsbury avenue.....	4
On Twenty-sixth street, from Emerson avenue south to Hennepin avenue.....	2
On Twenty-eighth street, from Aldrich avenue south to Bryant avenue south.....	4
On Twenty-eighth street, from Emerson avenue south to Girard avenue south.....	4
On Twenty-ninth street, from Nicollet avenue to Pleasant avenue.....	5
On Thirty-second street, from Motor avenue to Pillsbury avenue.....	1
On Motor avenue, from Lake street to Thirty-second street.....	4
On First avenue south, from Seventeenth street to Twenty-second street.....	14
On First avenue south, from Twenty-eighth street to Thirty-seventh street.....	23
On Second avenue south, from Thirty-fourth street to Thirty-fifth street.....	2
On Clinton avenue, from Twenty-fourth street to Thirty-fourth street.....	28
On Fourth avenue south, from Twenty-fifth street to Thirty-fourth street.....	35
On Fifth avenue south, from Twenty-fourth street to Thirty-fourth street.....	22
On Portland place, from Franklin avenue to Thirty-fifth street.....	34
On Park avenue, from Lake street to Thirty-fifth street.....	8
On Park place, from Eighteenth street to Nineteenth street.....	1
On Park Place, from Twenty-fourth street to Thirty-sixth street.....	24
On Ninth avenue south, from Eighth street south to Lake street.....	40
On Tenth avenue south, from Eighth street south to Franklin avenue.....	11
On Tenth avenue south, from Twenty-fourth street to Twenty-sixth street.....	4
On Tenth avenue south, from Lake street to Thirty-fourth street.....	4
On Eleventh avenue south, from Twenty-second street to Twenty-sixth street.....	8
On Eleventh avenue south, from Lake street to Thirty-second street.....	9
On Twelfth avenue south, from First street south to Second street south.....	2
On Twelfth avenue south, from Eighth street south to Ninth street south.....	1
On Twelfth avenue south, from Twenty-seventh street to Twenty-ninth street.....	5
On Thirteenth avenue south, from Ninth street south to Franklin avenue.....	7
On Fourteenth avenue south, from Twenty-fourth street to Twenty-ninth street.....	8
On Fourteenth avenue south, from Fifth street south to Eighth street south.....	2
On Fourteenth avenue south, from Twenty-sixth street to Twenty-ninth street.....	8
On Fifteenth avenue south, from Washington avenue south to Eighth street S.....	11

TABLE NO. 7—Continued.

	Number of lamps.
On Fifteenth avenue south from Twenty-second street to Thirty-third street	21
On Bloomington avenue, from Thirty-third street to Thirty-fifth street	5
On Sixteenth avenue south from Fourth street south to Sixth street south	4
On Seventeenth avenue south, from Franklin avenue to Thirty-third street	17
On Seventeenth avenue south from Fifth street south to Seventh street south	5
On Seventeenth avenue south from Franklin avenue to Thirty-third street	19
On Eighteenth avenue south from Franklin avenue to Thirty-second street	18
On Cedar avenue, from Thirty-fifth street to Thirty-seventh street	5
On Longfellow avenue from Lake street to Thirty-third street	6
On Nineteenth avenue south from Rhine street to Second street south	4
On Nineteenth avenue south from Franklin avenue to Twenty-fourth street	4
On Nineteenth avenue south from Lake street to Thirty-third street	7
On Twentieth avenue south from Sixth street south to Seventh street south	1
On Twentieth avenue south from Lake street to Thirty-second street	4
On Twenty-first avenue south from Two-and-one-half street south to Third st. S	2
On Twenty-first avenue south from Twenty-eighth street to Thirty-third street	7
On Twenty-second avenue south from Seven-and-one-half street south to Eight-and-one-half street south	4
On Twenty-second avenue south from Twenty-second street to Twenty-fourth st	5
On Twenty-second avenue south from Lake street to Thirty-third street	5
On Twenty-second-and-one-half avenue south from Franklin avenue to Twenty-fourth street	4
On Twenty-third avenue south from Fifth street south to Sixth street south	1
On Twenty-third avenue south, corner Twenty-fourth street	1
On Twenty-third avenue south, corner Twenty-sixth street	1
On Twenty-third avenue south from Lake street to Thirty-fourth street	8
On Twenty-fourth avenue south corner Twenty-second street	1
On Twenty-fourth avenue south from Twenty-fifth street to twenty-sixth street	2
On Twenty-fourth avenue south from Lake street to Thirty-fifth street	2
On Fort street from Twenty-fifth street to twenty-sixth street	1
On Minnehaha avenue, from Thirty-fifth street to Fort Snelling Reservation	12
On Third street from Lake street to Thirty-second street	6
On Fifth street from Third street to Minnehaha avenue	16
On Twenty-fifth avenue south from North street south to Franklin avenue	1
On Thirty-eighth street from Hawatha avenue to Marshall avenue	1
On Twenty-fifth avenue south, corner Twenty-sixth street	1
On Twenty-sixth avenue south from North street south to Franklin avenue	1
On Twenty-sixth avenue south from Franklin avenue to Twenty-fifth street	8
On Twenty-seventh avenue south from Twenty-seven-and-one-half street south to Minnehaha avenue	19
On Twenty-eighth avenue south, corner Riverside avenue	1
On Twenty-eighth avenue south from Twenty-fourth street to Lake street	9
On Twenty-ninth avenue south from Twenty-fourth street to Lake street	6
On Third street from Twenty-fourth street to Lake street	6
On Thirty-first avenue south from Twenty-eighth street to Lake street	3
On Thirty-second avenue south from Twenty-eighth street to Lake street	1
On Doran avenue, from Twenty-seventh street to Twenty-eighth street	2
On Two-and-one-half street south, from Twentieth av. S. to Twenty-first av. S.	2
On Third street south from Cedar avenue to Nineteenth avenue south	1
On Third street south corner Twenty-second avenue south	1
On Third street south, corner Twenty-second avenue south	1
On Fourth street from Twenty-second avenue south to Twenty-third ave south	2
On Sverdrup street from Twenty-second ave south to Twenty-third ave south	1
On Sixth street south from Nineteenth avenue south to Twenty-fifth ave south	9
On Seventh street south from Fourteenth avenue south to Fifteenth ave south	2
On Seventh street south from Twenty-fifth ave south to Twenty-sixth ave south	3
On Seventh street south from Sixteenth avenue south to Cedar avenue	1
On Eighth street south, from Twenty-fourth ave. south to Twenty-fifth ave. south	2
On Ninth st. south, from Twenty-second ave. south to Twenty-eighth ave. south	12
On Ninth street south, from Eleventh avenue south to Sixteenth avenue south	3
On Fifteenth street from Chicago avenue to Eastman avenue south	3
On Seventeenth street from Portland avenue to Eleventh avenue south	9
On Eighteenth street, from Portland avenue to Sixteenth avenue south	14
On Nineteenth street, from Portland avenue to Sixteenth avenue south	11
On Franklin avenue, from Twenty-fifth avenue south to Franklin avenue bridge	14
On Franklin avenue bridge	1
On Twenty-fourth street, from Stevens avenue to Third avenue south	3
On Twenty-fourth street, from Fifteenth avenue south to Bloomington avenue	1
On Twenty-fourth street from Twenty-fifth ave south to Thirty-first ave south	19
On Twenty-fifth street from Ninth avenue south to Eleventh avenue south	9
On Twenty-fifth street, from Twenty-fourth ave. south to Thirty-first ave south	9
On Twenty-sixth street, from Twenty-fifth ave south to Forty-first ave south	18
On Forty-first street from Twenty-seventh avenue south to Twenty-eighth ave. south	1
On Lake street, from Twenty-seventh avenue south to Lake street bridge	23
At city dump, under Washington avenue south bridge	2
On Washington avenue southeast, from Washington ave bridge to Oak street	14
On Reaser street, from University avenue southeast to Pleasant street	3
On University avenue southeast, from Fourteenth ave southeast to city limits	51
On Twenty-ninth avenue southeast, north of University avenue southeast	4
On Maroon avenue	1
On Fourth street southeast, from Maroon avenue to city limits	4
On Clarence avenue	4

WORKHOUSE REPORT.

429

Stone cutter.....	8	Telegraph operator.....	4
Waltchman.....	43	Teacher.....	2
Sawyer.....	1	Tobaccoist.....	1
Shoemaker.....	24	Track layer.....	1
Sailor.....	10	Undertaker.....	1
Salesman.....	7	Upholsterer.....	2
Steam fitter.....	4	Veterinary surgeon.....	2
Beamstress.....	5	Waiter.....	31
Saloon keeper.....	1	Wood engraver.....	1
Scaler.....	1	Waitress.....	1
Showman.....	1	Well digger.....	2
Student.....	4	Wagon maker.....	2
Scavenger.....	1	Watch maker.....	2
Sail maker.....	3	Wood worker.....	2
Teamster.....	48	Wood turner.....	1
Tailor.....	18		
Tinner.....	14	Total.....	1,686

NATIVITY.

Austria.....	1	Missouri.....	24
Arkansas.....	1	Montana.....	1
Australia.....	1	Nevada.....	1
Bohemia.....	5	New York.....	174
Canada.....	2	New Jersey.....	5
Connecticut.....	3	New Hampshire.....	4
California.....	3	North Carolina.....	4
Colorado.....	1	Nebraska.....	2
Denmark.....	15	New Brunswick.....	6
Dist of Columbia.....	2	Norway.....	185
England.....	58	Ohio.....	46
Finland.....	8	Poland.....	3
France.....	2	Pennsylvania.....	89
Germany.....	51	Russia.....	1
Georgia.....	3	Rhode Island.....	8
Holland.....	1	St. Helena Island.....	2
Indiana.....	17	Sweden.....	153
Illinois.....	65	Switzerland.....	3
Iowa.....	54	Scotland.....	25
Ireland.....	203	Spain.....	1
Kentucky.....	8	Texas.....	1
Kansas.....	3	Tennessee.....	3
Louisiana.....	4	Vermont.....	11
Maine.....	33	Virginia.....	3
Massachusetts.....	56	Wisconsin.....	100
Michigan.....	45	Wales.....	2
Maryland.....	9	West Virginia.....	1
Minnesota.....	101		
		Total.....	1,686
Foreign born.....			921
Native born.....			765
Total.....			1,686

AGE WHEN COMMITTED

Under twenty years.....	87
From twenty to twenty-five years.....	215
From twenty-five to thirty years.....	340
From thirty to thirty-five years.....	323
From thirty-five to forty years.....	233
From forty to forty-five years.....	182
From forty-five to fifty years.....	111
From fifty to sixty years.....	155
Sixty years and over.....	40
Total.....	1,686

RELIGIOUS TRAINING.

Roman catholics.....	761
Protestants.....	771
Without religious training.....	148
Total.....	1,686

TABLE NO. 7 Continued.

	Number of lumps
On Twenty-sixth avenue northeast, from Taylor street to Fillmore street . . .	1
On Plymouth avenue bridge . . .	2
On First street north from Fourteenth avenue north to Twenty-third ave. north . . .	7
On Second street north from Twenty-seventh avenue north to city limits . . .	167
On Washington ave. north from Twenty-fourth ave. north to Twenty-fifth ave. N . . .	3
On Washington ave. north from Thirty-second ave. north to Thirty-sixth ave. N . . .	9
On Third street north from Fourth avenue north to Fifth avenue north . . .	3
On Third street north from Twenty-first avenue north to Thirty-fourth ave. N . . .	25
On Fourth street north from Fourth avenue north to Fifth avenue north . . .	3
On Fourth street north from Twenty-first avenue north to Twenty-fifth ave. N . . .	7
On Fourth street north from Thirty-first avenue north to Thirty-fourth ave. N . . .	6
On work house grounds . . .	4
On Brooklyn Centre road, from Camden Place to Penn avenue north . . .	28
On Fifth street north from Eleventh avenue north to Twentieth avenue north . . .	14
On Sixth street north from Twenty-third ave. north to Twenty-sixth ave. north . . .	4
On Sixth street north from Thirty-first ave. north to Thirty-third avenue north . . .	6
On Lyndale ave. north from Twenty-first ave. north to Twenty-sixth ave. north . . .	10
On Lyndale ave. north from Twenty-ninth ave. north to Thirty-fourth ave. north . . .	14
On Aldrich avenue north from First avenue north to Sixth avenue north . . .	10
On Aldrich avenue north from Eighth avenue north to Twentieth avenue north . . .	8
On Aldrich ave. north from Twenty-first ave. north to Twenty-ninth ave. north . . .	12
On Bryant avenue north from Western avenue to Fifth avenue north . . .	5
On Bryant avenue north from Eighth avenue north to Twentieth avenue north . . .	10
On Bryant ave. north from Twenty-first ave. north to Twenty-ninth ave. north . . .	14
On Colfax avenue north from Western avenue to Fourth avenue north . . .	4
On Colfax ave. north from Twenty-sixth ave. north to Twenty-ninth ave. north . . .	5
On Dupont avenue north from Eighth avenue north to Twelfth avenue north . . .	6
On Dupont avenue north from Twentieth avenue north to Thirtieth avenue north . . .	24
On Elmson ave. north from Twenty-second ave. north to Thirtieth ave. north . . .	13
On Fremont avenue north from Second avenue north to Sixth avenue north . . .	2
On Fremont ave. north from Twenty-second ave. north to Thirty-second ave. north . . .	18
On Girard avenue north from Second avenue north to Sixth avenue north . . .	9
On Girard avenue north from Twelfth avenue north to Plymouth avenue . . .	9
On Girard ave. north from Eighteenth ave. north to Twenty-seventh ave. north . . .	1
On Greeley avenue, corner of Second avenue north . . .	1
On Humboldt avenue north from Fifth avenue north to Sixth avenue north . . .	3
On Irving avenue north from Third avenue north to Sixth avenue north . . .	4
On Irving avenue north from Twenty-first avenue north to James avenue north . . .	8
On James avenue north from Third avenue north to Sixth avenue north . . .	3
On James avenue north from Crystal Lake avenue to Hillside avenue . . .	8
On Knox avenue north from Western avenue to Sixth avenue north . . .	5
On Oliver avenue north from Twentieth avenue north to Twenty-first avenue north . . .	1
On Newton avenue north from Fourth avenue north to Fifth avenue north . . .	2
On Penn avenue north from Fourth avenue north to Sixth avenue north . . .	2
On Penn avenue north from Crystal Lake avenue to Thirty-second avenue north . . .	11
On Queen ave. north from Twenty-ninth ave. north to Thirty-second ave. north . . .	6
On Russell ave. north from Twenty-ninth ave. north to Thirty-second ave. north . . .	6
On Second ave. north from Ninth street north to Twelfth street north . . .	4
On Fourth avenue north from Bryant avenue north to Dupont avenue north . . .	2
On Fifth avenue north from Lyndale avenue north to Bryant avenue north . . .	3
On Fifth avenue north from Emerson avenue north to Fremont avenue north . . .	3
On Fifth avenue north from Fourth street north to Fifth street north . . .	1
On Sixth avenue north from Knox avenue north to Sheridan avenue north . . .	17
On Seventh avenue north from Fifth street north to Aldrich avenue north . . .	9
On Eighth avenue north from Bradford avenue to Lyndale avenue north . . .	2
On Oak Lake avenue from Fifth street north to Sixth avenue north . . .	2
On Oak avenue from Sixth avenue north to Royalston avenue . . .	3
On Lakeside avenue . . .	1
On Western avenue from Queen avenue north to city limits . . .	14
On Cedar Lake road, from Western avenue to Elm street . . .	16
On Twelfth avenue north from Girard avenue north to Humboldt avenue north . . .	2
On Plymouth avenue from Dupont avenue north to Irving avenue north . . .	10
On Nineteenth avenue north from Girard avenue north to James avenue north . . .	2
On Twenty-first avenue north from Dupont avenue north to Irving avenue north . . .	2
On Twenty-first avenue north from Crystal Lake avenue to Penn avenue north . . .	3
On Twenty-second avenue north from Irving avenue north to Ilion avenue . . .	2
On Twenty-fifth avenue north from Colfax avenue north to Humboldt avenue north . . .	2
On Crystal Lake avenue north from Twentieth avenue north to city limits . . .	17
On Hillside avenue from Irving avenue north to Logan avenue north . . .	10
On Ilion avenue from James avenue north to Irving avenue north . . .	8
On Thirty-first avenue north from Third street north to Sixth street north . . .	2
On Thirty-second avenue north from Third street north to Penn avenue north . . .	18
On Thirty-third ave. north from Washington ave. north to Lyndale ave. north . . .	4
On Thirty-fourth avenue north from Sixth street north to Lyndale avenue north . . .	1
Total . . .	2,496

TABLE No. 8

SHOWING THE NUMBER AND LOCATION OF ELECTRIC LAMPS, JANUARY
1, 1892*Circuit No. 3.—58 Lamps*

No. of Lamp.	
1	On Thirteenth avenue south, at Fifth street south
2	On Sixteenth avenue south, at Seventh street south
3	On Seventeenth avenue south, at Eighth street south
4	On Seventeenth avenue south, at Eighteenth street
5	On Sixteenth avenue south, at Franklin avenue
6	On Bloomington avenue, at Franklin avenue
7	On Fifteenth avenue south, at Franklin avenue
8	On Fourteenth avenue south, at Franklin avenue
9	On Twelfth avenue south, at Franklin avenue
10	On Thirteenth avenue south, at Twenty-first street
11	On Eleventh avenue south, at Twenty-first street
12	On Tenth avenue south, at Twenty-second street
13	On Twelfth avenue south, at Twenty-second street
14	On Thirteenth avenue south, at Twenty-third street
15	On Fourteenth avenue south, at Twenty-second street
16	On Bloomington avenue, at Twenty-second street
17	On Fifteenth avenue south, at Twenty-first street
18	On Seventeenth avenue south, at Twenty-second street
19	On Bloomington avenue, at Twenty-third street
20	On Eighteenth avenue south, at Twenty-fourth street
21	On Sixteenth avenue south, at Twenty-fourth street
22	On Fourteenth avenue south, at Twenty-fourth street
23	On Twelfth avenue south, at Twenty-fourth street
24	On Tenth avenue south, at Twenty-fourth street
25	On Twelfth avenue south, at Twenty-fifth street
26	On Fourteenth avenue south, at Twenty-fifth street
27	On Bloomington avenue, at Twenty-fifth street
28	On Bloomington avenue, at Twenty-sixth street
29	On Bloomington avenue, at Twenty-seventh street
30	On Bloomington avenue, at Twenty-eighth street
31	On Bloomington avenue, at Twenty-ninth street
32	On Thirteenth avenue south, at Twenty-ninth street
33	On Eleventh avenue south, at Twenty-eighth street
34	On Thirteenth avenue south, at Twenty-seventh street
35	On Twelfth avenue south, at Twenty-sixth street
36	On Cedar avenue, at Thirty-fifth street
37	On Eleventh avenue south, at Lake street
38	On Fourteenth avenue south, at Lake street
39	On Bloomington avenue, at Lake street
40	On Bloomington avenue, at Thirty-second street
41	On Seventeenth avenue south, at Lake street
42	On Cedar avenue, at Lake street
43	On Cedar avenue, at Thirty-first street
44	On Cedar avenue, at Thirty-second street
45	On Cedar avenue, at Thirty-third street
46	On Cedar avenue, at Thirty-fourth street
47	On Cedar avenue, at Twenty-ninth street
48	On Cedar avenue, at Twenty-eighth street
49	On Cedar avenue, at Twenty-seventh street
50	On Cedar avenue, at Twenty-sixth street
51	On Cedar avenue, at Twenty-fifth street
52	On Cedar avenue, at Twenty-fourth street
53	On Cedar avenue, at Twenty-second street
54	On Cedar avenue, at Franklin avenue
55	On Eighteenth avenue south, at Franklin avenue
56	On Twelfth avenue south, between Third street south and Fourth street south
57	On Seventeenth avenue south, at Thirty-second street
58	On Bloomington avenue, at Thirty-first street

Circuit No. 4—66 Lamps

No. of Lamp	
50	On Lyndale avenue south, at Twenty-seventh street.
51	On Lyndale avenue south, at Twenty-eighth street.
61	On Dupont avenue south, at Twenty-seventh street.
62	On Dupont avenue south, at Twenty-eighth street.
63	On Dupont avenue south, at Twenty-ninth street.
64	On Dupont avenue south, at Lake street.
65	On Fremont avenue south, at Lake street.
66	On Hennepin avenue, at Lake street.
67	On Calhoun boulevard, at Lake street.
68	On Logan avenue south, at Lake street.
69	On Irving avenue south, at Lake street.
70	On Knox avenue south, at Thirty-first street.
71	On Knox avenue south, at Thirty-fourth street.
72	On Hennepin avenue, at Thirty-first street.
73	On Hennepin avenue, at Thirty-third street.
74	On Hennepin avenue, at thirty-fifth street.
75	On Dupont avenue south, at Thirty-first street.
76	On Bryant avenue south, at Lake street.
77	On Aldrich avenue south, at Lake street.
78	On Lyndale avenue south, at Lake street.
79	On Lyndale avenue south, at Twenty-ninth street.
80	On Lyndale avenue south, at Thirty-first street.
81	On Lyndale avenue south, at Thirty-second street.
82	On Lyndale avenue south, at Thirty-third street.
83	On Lyndale avenue south, at Thirty-fourth street.
84	On Lyndale avenue south, at Thirty-sixth street.
85	On Lyndale avenue south, at Thirty-eighth street.
86	On Pleasant avenue, at Thirty-eighth street.
87	On Pleasant avenue, at Thirty-sixth street.
88	On Pleasant avenue, at Thirty-fourth street.
89	On Pleasant avenue, at Thirty-third street.
90	On Pleasant avenue, at Thirty-second street.
91	On Pleasant avenue, at Thirty-first street.
92	On Pillsbury avenue, at Thirty-first street.
93	On Pillsbury avenue, at Lake street.
94	On Blaisdell avenue, at Thirty-first street.
95	On Harriet avenue, at Lake street.
96	On Grand avenue, at Lake street.
97	On Pleasant avenue at Twenty-nine and one-half street.
98	On Pleasant avenue, at Twenty-eighth street.
99	On Pleasant avenue at Twenty-seventh street.
100	On Pleasant avenue, at Twenty-sixth street.
101	On Pleasant avenue, at Twenty-fifth street.
102	On Pleasant avenue, at Twenty-fourth street.
103	On Pleasant avenue, at Twenty-second street.
104	On Pleasant avenue, at Franklin avenue.
105	On Lyndale avenue south, at Franklin avenue.
106	On Lyndale avenue south, at Twenty-second street.
107	On Lyndale avenue south, at Twenty-fourth street.
108	On Lyndale avenue south, at Twenty-fifth street.
109	On Lyndale avenue south, at Twenty-sixth street.
110	On Hennepin avenue, at Tenth street south.
111	On Hennepin avenue, at Eleventh street south.
112	On Hennepin avenue, at Willow street.
113	On Hennepin avenue, at Maple place.
114	On Hennepin avenue, at Ontario avenue.

Circuit No. 7-73 Lamps.

No. of Lamp	
115	On Eighth avenue northeast, at Sibley street
116	On Eighth avenue northeast, at Marshall street.
117	On Seventh avenue northeast, at Ramsey street.
118	On Sixth avenue northeast, at Marshall street.
119	On Marshall street, between Fourth and Fifth avenues northeast
120	On Seventh avenue northeast, at Marshall street
121	On Thirteenth avenue northeast, at Marshall street
122	On Thirteenth avenue northeast, at Sibley street
123	On Sixteenth avenue northeast, at Marshall street.
124	On Fourteenth avenue northeast, at Grand street
125	On Twelfth avenue northeast, at Second street
126	On Fourteenth avenue northeast, at Second street
127	On Thirteenth avenue northeast, at Third street
128	On Twelfth avenue northeast, at Fourth street
129	On Thirteenth avenue northeast, at Fourth and one-half street
130	On Fifteenth avenue northeast, at Fifth street
131	On Sixteenth avenue northeast, at Fourth and one-half street
132	On Fourteenth avenue northeast, at Fourth street
133	On Fifteenth avenue northeast, at Third street
134	On Seventeenth avenue northeast, at Second street
135	On Eighteenth avenue northeast, at Third street
136	On Seventeenth avenue northeast, at Fourth street
137	On Eighteenth avenue northeast, at Fourth and one-half street
138	On Seventeenth avenue northeast, at Fifth street.
139	On Seventeenth avenue northeast, at Sixth street
140	On Seventeenth avenue northeast, at Adams street
141	On Fifteenth avenue northeast, at Adams street
142	On Sixteenth avenue northeast, at Washington street
143	On Fifteenth avenue northeast, at Sixth street
144	On Thirteenth avenue northeast, at Sixth street.
145	On Twelfth avenue northeast, at Washington street
146	On Fourteenth avenue northeast, at Washington street
147	On Thirteenth avenue northeast, at Adams str. et.
148	On Twelfth avenue northeast, at Jefferson street
149	On Thirteenth avenue northeast, at Madison street
150	On Fourteenth avenue northeast, at Jefferson street
151	On Fifteenth avenue northeast, at Madison street
152	On Sixteenth avenue northeast, at Jefferson street.
153	On Seventeenth avenue northeast, at Monroe street railroad crossing
154	On Nineteenth avenue northeast, at Central avenue
155	On Eighteenth and one-half avenue northeast, at Central avenue
156	On Twentieth avenue northeast, at Central avenue
157	On Twenty-third avenue northeast, at Central avenue
158	On Twenty-fourth avenue northeast, at Central avenue.
159	On Twenty-fifth avenue northeast, at Central avenue
160	On Twenty-seventh avenue northeast, at Central avenue
161	On Twenty-ninth avenue northeast, at Central avenue
162	On Sixteenth avenue northeast, at Monroe street.
163	On Fourteenth avenue northeast, at Monroe street
164	On Twelfth avenue northeast, at Monroe street
165	On Broadway, at Madison street
166	On Summer street, at Madison street
167	On Spring street, at Madison street
168	On Fourth avenue northeast, at Madison street.
169	On Third avenue northeast, at Sixth street.
170	On Central avenue, at Ninth street railroad crossing
171	On Third avenue northeast, at Central avenue.
172	On Spring street, at Quincy street
173	On Jackson street, at Summer street
174	On Central avenue, at Summer street
175	On Spring street, between Polk street and Tyler street
176	On Polk street, at Winter street
177	On Division street, at Fillmore street
178	On Fifth avenue southeast, at Ninth street
179	On Third avenue southeast, at Ninth street
180	On Central avenue, at Fourth street.
181	On Central avenue, at Fifth street.
182	On Central avenue, at Broadway
183	On Central avenue, at Fifteenth avenue northeast
184	On Center of Flynnth avenue bridge.
185	On Second street northeast, at Nineteenth avenue
186	On Second street northeast, at Twenty-second avenue
187	On Second street northeast, at Twenty-fifth avenue

Circuit No. 8-69 Lamps.

No of Lamp	
188	On Cedar avenue at Fifth street south.
189	On Cedar avenue at Sixth street south
190	On Cedar avenue at Eighth street south
191	On Nineteenth avenue south at Seventh street south
192	On Twentieth avenue south at Eighth street.
193	On Twenty-first avenue south at Seventh street
194	On Twenty-first avenue south at Ninth street.
195	On Minnehaha avenue, at Ninth street south
196	On Minnehaha avenue, at Franklin avenue
197	On Nineteenth avenue south at Twenty-second street
198	On Twenty-first avenue south at Twenty-second street
199	On Minnehaha avenue at Twenty-fourth street
200	On Hiawatha avenue at Twenty-fourth street
201	On Hiawatha avenue, at Twenty-fifth-and-one-half street
202	On Hiawatha avenue at Twenty-eighth street
203	On Hiawatha avenue, at Lake street
204	On Twenty-first avenue south at Lake street
205	On Minnehaha avenue at Lake street
206	On Twenty-sixth avenue south at Twenty-eighth street
207	On Twenty-sixth avenue south at Twenty-ninth street
208	On Twenty-eighth avenue south at Twenty-eighth street
209	On Twenty-seventh avenue south, at Twenty-seventh street
210	On Twenty-seventh avenue south at Twenty-sixth street.
211	On Twenty-sixth avenue south at Twenty-seventh street
212	On Twenty-sixth avenue south, at Twenty-sixth street
213	On Twenty-seventh avenue south, at Twenty-fifth street
214	On Twenty-fifth avenue south, at Twenty-fifth street
215	On Twenty-fourth avenue south at Twenty-fourth street
216	On Twenty-third avenue south at Twenty-fifth street
217	On Minnehaha avenue at Thirty-second street.
218	On Minnehaha avenue, at Thirty-fourth street
219	On Twenty-second avenue south, at Franklin avenue
220	On Twenty-third avenue south at Twenty-second street
221	On Twenty-fifth avenue south at Twenty-second street.
222	On Twenty-seventh avenue south at Twenty-second street
223	On Twenty-ninth avenue south at Twenty-second street.
224	On Twenty-fourth avenue south, at Franklin avenue
225	On Twenty-fourth avenue south at Riverside avenue
226	On Twenty-sixth avenue south at Riverside avenue
227	On Twenty-ninth avenue south at Riverside avenue
228	On Twenty-ninth avenue south, at Eighth street.
229	On Twenty-seventh avenue south, at Sixth street
230	On Twenty-seventh avenue south, at Eighth street.
231	On Twenty-fourth avenue south, at Sixth street.
232	On Twenty-second avenue south, at Riverside avenue.
233	On Twenty-second avenue south, at Fifth street
234	On Twenty-first avenue south at Fourth street
235	On Twentieth avenue south, at Riverside avenue
236	On Nineteenth avenue south at Fifth street.
237	On Twenty-third avenue south at Eighth street
238	On Nineteenth avenue south, at Fourth street
239	On Cedar avenue, at Third street
240	On Nineteenth avenue south at Two-and-one-half street.
241	On Nineteenth avenue south, at Washington avenue
242	On Twentieth avenue south, at Third street
243	On Washington avenue southeast, at Washington avenue south bridge
244	On Twenty-first avenue south, at Washington avenue.
245	On Twenty-second avenue south, at Two-and-one-half street.
246	On Twenty-second avenue south, at Second street.
247	On Twentieth avenue south, at First street.
248	On Twentieth avenue south, at Second street.
249	On Cedar avenue at Second street.
250	On Cedar avenue at Fourth street
251	On Nineteenth avenue south, at Second street
252	On Fifth avenue south, at Second street
253	On Fifth avenue south, at First street
254	On Sixth avenue south, at First street
255	On Seventh avenue south, at Canal (milling district
256	On Eighth avenue south, at Second street.

*Circuit No. 2—62 Lamps.*No. of
Lamp

- 257 On Fifteenth avenue north, at Washington avenue
- 258 On Seventeenth avenue north, at Washington avenue
- 259 On Eighteenth avenue north, at Washington avenue
- 260 On Twenty-first avenue north, at Washington avenue
- 261 On Twenty-third avenue north, at Washington avenue
- 262 On Twenty-sixth avenue north, at Washington avenue
- 263 On Twenty-eighth avenue north, at Washington avenue
- 264 On Thirtieth avenue north, at Washington avenue
- 265 On Thirty-second avenue north, at Washington avenue
- 266 On Twenty-sixth avenue north, at Second street
- 267 On Twenty-fourth avenue north, at Second street
- 268 On Twenty-second avenue north, at Second street
- 269 On Twentieth avenue north, at Second street
- 270 On Twentieth avenue north, at First street
- 271 On Eighteenth avenue north, at Second street
- 272 On Eighteenth avenue north, at First street
- 273 On Sixteenth avenue north, at Second street
- 274 On Fourteenth avenue north, at Second street
- 275 On Twenty-sixth avenue north, at Fourth street
- 276 On Twenty-eighth avenue north, at Fourth street
- 277 On Twenty-sixth avenue north, at Lyndale avenue
- 278 On Twenty-eighth avenue north, at Lyndale avenue
- 279 On Twenty-ninth avenue north, at Sixth street
- 280 On Twenty-sixth avenue north, at Bryant avenue
- 281 On Twenty-sixth avenue north, at Emerson avenue
- The following lamps on this circuit are run from the underground cables
- 282 On Nicollet avenue, at Washington avenue south
- 283 On First avenue south, at Washington avenue
- 284 On Second avenue south, at Washington avenue
- 285 On Third avenue south, at Washington avenue
- 286 On Fourth avenue south, at Washington avenue
- 287 On Fifth avenue south, at Washington avenue
- 288 On Sixth avenue south, at Washington avenue
- 289 On Seventh avenue south, at Washington avenue
- 290 On Eighth avenue south, at Washington avenue
- 291 Between Eighth and Ninth avenue south, at Washington avenue
- 292 On Ninth avenue south, at Washington avenue
- 293 On Tenth avenue south, at Washington
- 294 On Eleventh avenue south, at Washington avenue
- 295 On Twelfth avenue south, at Washington avenue
- 296 On Thirteenth avenue south, at Washington avenue
- 297 On Fourteenth avenue south, at Washington avenue
- 298 On Cedar avenue, at Washington avenue
- 299 On Hennepin avenue, at Washington avenue
- 300 On Hennepin avenue, at Third street
- 301 On Hennepin avenue, at Fourth street
- 302 On Hennepin avenue, at Fifth street
- 303 On Hennepin avenue, at Sixth street
- 304 On Hennepin avenue, at Seventh street
- 305 On Hennepin avenue, at Eighth street
- 306 On Hennepin avenue, at Ninth street
- 307 On First avenue north, at Washington avenue
- 308 On Second avenue north, at Washington avenue
- 309 On Third avenue north, at Washington avenue
- 310 On Third avenue north, at Second street
- 311 On Nicollet avenue, at Third street south
- 312 On Nicollet avenue, at Fourth street south
- 313 On Nicollet avenue, at Fifth street south
- 314 On Nicollet avenue, at Sixth street south
- 315 On Nicollet avenue, at Seventh street south
- 316 On Nicollet avenue, at Eighth street south
- 317 On Nicollet avenue, at Ninth street south
- 318 On Mary place, at Ninth street south

Circuit No. 10.—55 Lamps.

No. of Lamp.	
319	On Fourth avenue north, at Second street.
320	On Fifth avenue north, at Second street.
321	On Seventh avenue north, at Second street.
322	On Ninth avenue north at Second street.
323	On Plymouth avenue, at First street north.
324	On Plymouth avenue, at Second street north.
325	On Plymouth avenue, at Washington avenue north.
326	On Fourteenth avenue north, at Fourth street.
327	On Fourteenth avenue north, at Third street.
328	On Sixth avenue north, at Bryant avenue.
329	On Sixth avenue north, at Emerson avenue.
330	On Eighth avenue north, at Emerson avenue.
331	On Eleventh avenue north, at Emerson avenue.
332	On Twelfth avenue north, at Emerson avenue.
333	On Twelfth avenue north, at Fremont avenue.
334	On Eleventh avenue north, at Fremont avenue.
335	On Eleventh avenue north, at Girard avenue.
336	On Eighth avenue north, at Fremont avenue.
337	On Eighth avenue north, at Girard avenue.
338	On Sixth avenue north, at Fremont avenue.
339	On Sixth avenue north, at Girard avenue.
340	On Seventh avenue north, at Elwood avenue.
341	On Eighth avenue north, at Irving avenue.
342	On Elwood avenue, at Thomas place.
343	On Sixth avenue north, at James avenue.
344	On Western avenue, at Logan avenue north.
345	On Western avenue, at Newton avenue north.
346	On Western avenue, at James avenue north.
347	On Western avenue, at Penn avenue north.
348	On Fifth avenue north, at Colfax avenue.
349	On Tenth avenue north, at Washington avenue.
350	On Eighth avenue north, at Washington avenue.
351	On Washington avenue north, between Seventh and Eighth avenue.
352	On Washington avenue north, at Sixth avenue.
353	On Washington avenue north, at Fifth avenue.
354	On Washington avenue north, at Fourth avenue.
355	On Fourth avenue north, at First street.
356	On Sixth avenue north, at First street.
357	On Eighth avenue north, at First street.
358	On North Minneapolis police station.
359	On Eighteenth avenue north, at Third street.
360	On Eighteenth avenue north, at Fourth street.
361	On Seventeenth avenue north, at Third street.
362	On Seventeenth avenue north, at Fourth street.
363	On Fifteenth avenue north, at Third street.
364	On Fifteenth avenue north, at Fourth street.
365	On Twentieth avenue north, at Washington avenue.
366	On Twentieth avenue north, at Fourth street.
367	On Twentieth avenue north, at Sixth street.
368	On Twentieth avenue north, at Lyndale avenue.
369	On Twentieth avenue north, at Bryant avenue.
370	On Twentieth avenue north, at Emerson avenue.
371	On Twentieth avenue north, at Girard avenue.
372	On Twentieth avenue north, at Irving avenue.
373	On Crystal Lake avenue, at Sixteenth street north.

Circuit No. 12 — 59 Lamps.

No of Lamp.	
374	On Hennepin avenue, at Twelfth street.
375	On Hennepin avenue, at Thirteenth street.
376	On Hennepin avenue, at Spruce place.
377	On Hennepin avenue, at Harmon place.
378	On Harmon place, at Maple place.
379	On Harmon place, at Willow street.
380	On Harmon place, at Spruce place.
381	On Harmon place, at Thirteenth street south.
382	On Harmon place, at Twelfth street south.
383	On Harmon place, at Eleventh street south.
384	On Harmon place, at Tenth street south.
385	On Mary place, at Eighth street south.
386	On Mary place, at Tenth street south.
387	On Mary place, at Eleventh street south.
388	On Yale place, at Twelfth street south.
389	On Yale place, at Thirteenth street south.
390	On Yale place, at Spruce place.
391	On Yale place, at Willow street.
392	On Vine place, at Grant street.
393	On Vine place, at Fifteenth street.
394	On Spruce place, at Grant street.
395	On Willow street, at Grant street.
396	On Fifteenth street, between Willow and Oak Grove street.
397	On Fifteenth street, at Oak Grove street.
398	On Fifteenth street, at Spruce place.
399	On Nicollet avenue, at Tenth street.
400	On Nicollet avenue, at Eleventh street.
401	On Nicollet avenue, at Twelfth street south.
402	On Nicollet avenue, at Thirteenth street south.
403	On Nicollet avenue, at Grant street.
404	On First avenue south, at Third street.
405	On First avenue south, at Fourth street.
406	On First avenue south, at Fifth street.
407	On First avenue south, at Sixth street.
408	On First avenue south, at Seventh street.
409	On First avenue south, at Eighth street.
410	On First avenue south, at Ninth street.
411	On First avenue south, at Tenth street.
412	On First avenue south, at Eleventh street.
413	On First avenue south, at Twelfth street.
414	On First avenue south, at Thirteenth street.
415	On First avenue south, at Grant street.
416	On Second avenue north, at First street.
417	On First avenue north, at second street.
418	On Central avenue between Island avenue and steel arch bridge.
419	On Central avenue, at Island avenue.
420	On Central avenue, at Main street.
421	On Central avenue, at Second street.
422	On Central avenue, at University avenue.
423	On Prince street, near Exposition building.
424	On Mast, Bridge square.
425	On Mast, Bridge square.
426	On Mast, Bridge square.
427	On Mast, Bridge square.
428	On Mast, Bridge square.
429	On Mast, Bridge square.
430	On Mast, Bridge square.
431	On Mast, Bridge square.
432	At Police headquarters.

Circuit No. 18—68 Lamps.

No of Lamp	
433	On Blaisdell avenue, at Twenty-eighth street
434	On Nicollet avenue, at Twenty-ninth street
435	On Nicollet avenue, at Lake street
436	On Nicollet avenue, at Thirty-first street
437	On Nicollet avenue, at Thirty-second street
438	On Nicollet avenue, at Thirty-third street
439	On Nicollet avenue, at Thirty-fourth street
440	On Nicollet avenue, at Thirty-seventh street
441	On Nicollet avenue, at Fortieth street
442	On Nicollet avenue, at Forty-first street
443	On Nicollet avenue, at Forty-sixth street
444	On Nicollet avenue, between Fifth and Fifty-first streets
445	On Lyndale avenue south, at Fortieth street
446	On Lyndale avenue south, at Forty-second street
447	On Lyndale avenue south, at Forty-fourth street
448	On Lyndale avenue south, at Forty-sixth street
449	On Lyndale avenue south, at Forty-eighth street
450	On Lyndale avenue south, at Fiftieth street
451	On Lyndale avenue south, at Fifty-second street
452	On Lyndale avenue south, at Fifty-third street
453	On Stevens avenue, at Twenty-ninth street
454	On Stevens avenue, at Lake street
455	On Stevens avenue, at Thirty-first street
456	On Stevens avenue, at Thirty-second street
457	On Stevens avenue, at Thirty-third street
458	On Stevens avenue, at Thirty-fourth street
459	On Stevens avenue, at Thirty-sixth street
460	On Stevens avenue, at Thirty-eighth street
461	On Third avenue south, at Twenty-ninth street
462	On Third avenue south, at Lake street
463	On Third avenue south, at Thirty-second street
464	On Third avenue south, at Thirty-fourth street
465	On Third avenue south, at Thirty-sixth street
466	On Third avenue south, at Thirty-eighth street
467	On Fourth avenue south, at Lake street
468	On Fourth avenue south, at Thirty-fourth street
469	On Fourth avenue south, at Thirty-eighth street
470	On Portland avenue, at Lake street
471	On Portland avenue, at Thirty-second street
472	On Portland avenue, at Thirty-fourth street
473	On Portland avenue, at Thirty-sixth street
474	On Portland avenue, at Thirty-eighth street
475	On Park avenue, at Lake street
476	On Chicago avenue, at Lake street
477	On Chicago avenue, at Thirty-second street
478	On Chicago avenue, at Thirty-fourth street
479	On Chicago avenue, at Thirty-fifth street
480	On Chicago avenue, at Thirty-sixth street
481	On Chicago avenue, at Thirty-eighth street
482	On Ninth avenue south, at Thirty-third street
483	On Tenth avenue south, at Thirty-fifth street
484	On Tenth avenue south, at Thirty-eighth street
485	On Fourteenth avenue south, at Thirty-fifth street
486	On First avenue south, at High street
487	On First avenue south, at Second street
488	On Third avenue south, at First street
489	On Second avenue south, at Second street
490	On Second avenue south, at Third street
491	On Second avenue south, at Fourth street
492	On Second avenue south, at Fifth street
493	On Second avenue south, at Sixth street
494	On Second avenue south, at Seventh street
495	On Second avenue south, at Eighth street
496	On Second avenue south, at Ninth street
497	On Second avenue south, at Tenth street
498	On Second avenue south, at Eleventh street
499	On Second avenue south, at Twelfth street
500	On Second avenue south, at Grant street

Also thirty twenty-five candle power incandescent lamps on steel arch bridge

ANNUAL REPORT
INSPECTOR OF BUILDINGS.
1891.

DEPARTMENT OF INSPECTOR OF BUILDINGS.

JOHN M. HAZEN	-	-	Inspector of Buildings.
CLAYTON R. HAZEN	-	-	Clerk of Department.
J. W. WOODMAN	-	-	Assistant Inspector.
JOHN ALMQUIST	-	-	Assistant Inspector.
MARTIN MCHALE	-	-	Assistant Inspector.
PETER DICKINSON	-	-	Plumbing Inspector.
JAMES HART	-	-	Asst. Plumbing Inspector.
W. E. J. DEMING	-	-	Electric Wire Inspector.

ANNUAL REPORT

OF THE

INSPECTOR OF BUILDINGS.

To the Honorable, the City Council of the City of Minneapolis.

GENTLEMEN:—I herewith submit the seventh annual report of this department, embracing the fourth quarterly report for the year 1891, together with a recapitulation of the year's business.

This report represents the actual number of permits, and their estimated cost as returned to this office. We have, in addition, expended \$325,172.66 on the new city hall and court house, and \$50,000 on the new Lumber Exchange, for which permits were taken in 1888 and 1890. This amount, added to the \$4,710,615 for which permits were issued in 1891, gives us \$5,085,787.66 as the capital actually expended in building in the city during the year 1891. These figures are not large, yet they speak well for our city.

While we have erected no very large or expensive structures, the class of buildings built the past year have been above the average. A considerable amount of money has been expended in re-modeling old business blocks and single store buildings, transforming them from their "early day" appearance to handsome and inviting business places; and in every case the owners have found tenants before the re-modeling was completed.

Especial attention has been given to fire-proof construction, and buildings within the fire limits, and I respectfully call your attention again to the matter of better construction in our business centre; that is, buildings so constructed that should a fire occur therein, it could be confined to that building. Prevent the erection of buildings within certain limits, which, when a fire starts, not only destroys itself, but all adjoining property. Within these limits all exterior, division, party and partition walls, floors, ceilings and roofs should be fire proof.

The ravages of fire in other cities the past year, and our own has not entirely escaped, will, in my opinion, be the means of adopting laws which will prevent, to a large extent, the spread of flames; and, while Minneapolis has an excellent fire department, composed of the bravest of men, and equipped with the most modern appliances, yet there are places and circumstances which utterly defy the most competent fire department.

The matter of dividing rooms over business places, within the fire limits, with match board partitions, and ceiling stores in the same manner, have been discouraged by this department, yet it has been and is now done, to the great detriment of the buildings in which the work is done, and also to adjoining property. I would recommend to your honorable body, a change in our present ordinance, prohibiting matched board partitions and ceilings in all buildings inside the fire limits.

During the year 1891 we have constructed sixty-five store buildings, at an average cost of \$7,943.46 each, as follows: 36 brick store buildings, to-

tal cost, \$131,750; 7 brick veneered store buildings, total cost, \$71,700; 22 wood store buildings outside the fire limits, at a total cost of \$12,875; 132 miscellaneous buildings, which includes churches, schools, public halls, etc., etc., at a total cost of \$1,701,225; 30 brick and stone dwellings have been erected at a cost of \$764,500; 22 veneered dwellings which cost \$166,500; 334 two-story frame dwellings at a cost of \$806,200; 99 one and one-half story frame dwellings which cost \$80,235; 51 one-story frame dwellings, costing \$29,425; 355 barns, at a total cost of \$108,360; 1,945 additions and repairs, costing \$527,845. Total number of dwellings erected in 1891, 539; total cost of same, \$1,856,860.

We have now in the city of Minneapolis 32,565 dwelling houses, 2,141 store buildings, 162 churches, 50 public school buildings, 29 colleges, academies and seminaries, 48 public halls, 18 hospitals and asylums, and 6 theatres; 3,036 permits have been issued from this office to erect and repair buildings, at a total cost of \$4,710,615; 441 permits to move buildings; 43 examinations of dangerous buildings; 3,618 miscellaneous examinations made; 216 notices served; 1,170 permits to do plumbing at an estimated cost of \$254,958; 1,466 examinations of plumbing; 54 examinations of reported dangerous plumbing; 14 water tests and 720 air tests of plumbing, 927 final examinations of plumbing; 32 notices to erect fire escapes; 333 permits to do electric wiring, at a cost of \$60,325; 1,352 electric wire inspections; 259 condemned or ordered changed; 442 elevators inspected.

Sanitary plumbing receives the undivided attention of two competent inspectors, and I am pleased to say that Minneapolis takes the lead, over all cities, in the matter of testing plumbing. Every job of plumbing receives two tests, the first after the "roughing in" has been completed, and the second, or final, as it is called, after the whole system has been completed and ready for use. After a building has been plumbed and passed the inspection of the plumbing inspector, after the two tests, the occupants can rest perfectly secure, with the positive assurance that no sewer gas can, by any manner of means, enter the house through the plumbing.

Electricity, and the use of it, is assuming enormous proportions, not only in our own city, but in all cities throughout the civilized world. Light and power are the principal uses for which it has been applied, yet many are using it for heating and other purposes. The skillful eye of the inventor is constantly watching, and his brain continually working, on the application of electricity; and a very short time will demonstrate a wonderful stride in this branch of skillful inventions. The city of Minneapolis is probably as well supplied with electric plants and lights as most any other city of its size in the Union, yet the accidents caused by electricity are comparatively nothing as compared with other motive powers.

The work of this department for the year 1891 is given below, in quarters, and may be summed up as follows:

	Generators inspected.	Motors inspected.		Arc lights.	Incandescent lights.	Incandescent wiring.	Arc wires.	Electro heating.	Cells, storage.	Number inspections.	Number accepted.	Number condemned.
		No.	H. P.									
First quarter.....	10	30	188½	113	2,613	150	15	1	34	334	194	40
Second quarter.....	20	52	248	113	3,228	208	43	3	34	344	268	78
Third quarter.....	19	48	123½	611	4,487	300	34	1	...	368	800	88
Fourth quarter.....	18	43	162	280	5,317	257	11	3	...	386	853	53
Total.....	67	173	727	1,098	15,600	975	99	7	34	1,332	1,093	259

There have been eight fires during the year caused directly by the electric current, in which the total damage was less than \$100.

One man and one horse was killed, electricity being the direct cause, and two men were killed in which electricity was the secondary but not the primary cause of death.

Ten years ago the 21st day of December last, the first electric light was used in Minneapolis. Now if the entire business was reduced to 16 candle power incandescent lamps, it would amount to 164,989.

Below I give the report of my electric inspector, as returned to me. He has taken great care to investigate the matter carefully, and I have no doubt has it practically correct.

The first electric light in Minneapolis was an arc light run from a small Brush plant in the Pillsbury A mill, and was started Dec. 24, 1881.

This was followed by a ten light United States (Weston) plant in the Big Boston clothing store, old Academy of Music building, March 31, 1882.

The first incandescent plant was a United States (Weston) located in the Pillsbury A mill in January, 1884.

At the present time there are seven isolated arc plants running 390 lights, and seventy isolated incandescent plants running 22,110 lights.

This includes 3,025 multiple series lights run by the Street Railway company.

In 1883-4 a few incandescent lights were run from storage batteries charged from central stations, but this soon proved a failure and they were abandoned. Prior to 1887 the only incandescent lights run from central station were a few scattered groups of series multiple lights run on arc light circuits. About this time the furnishing current for incandescent lights for commercial purposes became an established fact, and at the present time there are 27,822 incandescent lights running from central station not including street railway lights.

Electricity as a motive power was used to but a small extent previously to 1890. At the present time there are 575 horse power motors in use, exclusive of street railway and small fan and dental motors. The street railway has 6,500 horse power of motors in use and this makes a total of 7,075 horse power. There are 1,803 arc lights running from central station.

Electro heating is in its infancy and is not yet a perfect success although about eight horse power of current is used for this purpose, chiefly in laundries, hat stores and clothing factories.

The total business of manufacturing electricity (if it may be termed manufacturing) is as follows:

Isolated arc lights	380	
Central station arc lights.....	1,803	
Total.....	————	2,183
Isolated incandescent.....	22,110	
Central station incandescent.....	27,822	
Total.....	————	49,932
Horse power motors		7,075
Horse power electro heating... ..		8

Your inspector is now, and has been in the past, very materially aided in all his undertakings by your honorable body, the newspapers, and the citizens generally throughout the city; for which the thanks of this department are heartily extended.

Very respectfully submitted,
J. M. HAZEN,
Inspector of Buildings.

TABLE NO. 1.
NUMBER OF KINDS AND COST OF BUILDINGS FOR THE YEAR 1901.

WARD	BRICK STORIES.		WOOD STORIES.		MISCELLANEOUS.		STONE DWELLING.		VENEERED DWELLING.		2 STORY FRAME DWELLING.		1 1/2 STORY FRAME DWELLING.		BARN.		ADDITIONS AND REPAIRS.		WARD TOTALS.	
	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.	Per.	Cost.
1	7	\$70,000	1	\$12,000	2	\$1,100	12	\$590,600	1	\$1,000	23	\$41,750	10	\$5,800	5	\$4,180	23	\$3,245	117	\$25,065
2	7	87,000	2	9,000	3	2,250	11	102,800	1	10,000	42	106,600	12	13,025	5	1,950	24	5,935	126	34,505
3	12	172,700	3	2,250	18	136,815	6	19,000	4	9,800	30	125,500	19	15,760	2	900	42	18,625	247	67,915
4	4	72,000	2	40,000	21	455,625	3	186,000	1	80,000	17	72,000	2	2,000	2	1,300	22	17,150	345	125,600
5	3	32,000	1	720	12	243,300	0	308,000	3	65,000	4	10,500	1	800	1	35	8	13,425	213	98,325
6	4	32,000	1	720	12	61,575	2	73,640	2	35,000	6	21,800	1	800	1	35	8	190	145	31,830
7	2	10,000	2	1,050	5	96,000	2	20,000	1	41,000	28	41,700	4	2,300	4	4,750	44	4,725	169	43,835
8	2	10,000	2	1,050	5	12,350	5	117,500	1	41,000	52	225,300	3	2,300	4	4,750	44	27,615	124	44,060
9	2	10,000	2	1,050	5	48,250	1	117,500	1	41,000	52	225,300	3	2,300	4	4,750	44	27,615	124	44,060
10	1	6,000	1	1,700	3	1,700	1	30,000	1	2,500	53	60,350	23	16,000	23	8,500	34	7,130	187	23,255
11	1	6,000	1	1,700	3	15,500	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	6,660	70	13,605
12	1	6,000	1	1,700	3	2,700	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	4,020	124	15,660
13	1	6,000	1	1,700	3	2,700	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	1,975	25	2,605
14	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
15	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
16	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
17	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
18	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
19	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
20	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
21	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
22	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
23	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
24	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
25	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
26	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
27	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
28	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
29	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
30	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
31	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
32	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
33	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
34	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
35	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
36	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
37	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
38	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
39	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
40	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
41	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
42	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
43	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
44	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
45	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
46	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
47	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
48	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
49	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
50	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
51	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
52	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
53	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
54	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
55	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
56	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
57	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
58	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
59	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
60	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
61	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
62	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
63	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
64	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305
65	1	6,000	1	1,700	3	13,750	1	30,000	1	1,000	13	32,500	1	1,000	13	1,400	18	2,155	45	10,305

ANNUAL REPORT
INSPECTOR OF MEATS.
1891.

MEAT INSPECTION DEPARTMENT.

D. T. DAVIES	-	-	-	-	-	Inspector.
WYMAN COSTIGAN	-	-	-	-	-	Asst. Inspector.

ANNUAL REPORT
OF THE
INSPECTOR OF MEATS.

MINNNAPOLIS, January 1st, 1892.

To the Honorable City Council of Minneapolis, Minnesota :

GENTLEMEN :—I hereby submit my third annual report of this department, for official as well as public information, for the year ending December 31st, 1891.

By referring to the figures of the different annual reports, we observe a decrease in the quantity condemned, as reported in the second annual report, over the figures shown in the first, and we naturally expected a decrease in the third over the second; but after completing the report we were surprised by a decided increase in the figures, which will maintain the belief that unwholesome meats and other articles of food will be offered for sale, in a city of this size, notwithstanding all the precautions taken, and the rigid restrictions enforced.

It may be stated that the weather on some few occasions in the last year has been rather unfavorable to preserve meats, and we would have been pleased to account for the increase in this way, but we are sorry to state that we have discovered more specimens of injurious diseases, especially in the beeves offered for sale in this year over any previous year, and as they are not new in kind, with the exception of skin diseases on hogs, I have nothing further to recommend other than I have recommended in previous reports.

Yet we are quite certain that the quality and grade offered for our markets compare well with any other city of its size, every precaution having been taken to insure best results in all branches connected with this office.

We are highly pleased with the improvement in the grade of veals presented to our markets this year.

We are also well pleased and wish to warmly thank those we have come in contact with, for their hearty co-operation and assistance furnished us, which is of great importance in carrying out effectually the workings of this office.

The sanitary condition of the meat markets all over the city has been improved, and better care taken by the butchers and bakers of their premises and places of business than in previous years.

The bread ordinance, passed of late by your Honorable Body, is really too new to say anything about its workings.

The following are the figures showing the amount condemned, of the different kinds, for each month, and their sum total.

Yours obediently,

D. T. DAVIES,

City Meat Inspector.

SUMMARY OF MEATS, ETC., CONDEMNED FROM JANUARY 1, 1901, TO DECEMBER 31, 1901

	January.	February.	March.	April	May.	June	July.	August.	September.	October.	November	December	Total.
Fresh beef	321	490	567	312	674	2724	333	810	2036	1003	410	1430	11170
Salt beef	40	287		708	1406	80	220	300	300	50			3637
Fresh pork	98	303	640		303	417	280	2600	280	1146		206	6422
Salt pork	25	238	84	60	165		95	60	160	90		400	3028
Veal	187	227	587	446	133	2460	1088	375	671	250 1/2	291		6834 1/2
Venison	20											90	110
Chickens	1197	730	560	410 1/2	60					20	182	1847	5035 1/2
Turkeys	107			302								120	520
Geese		60										631	691
Ducks												103	103
Mutton.		145	49	40	50	1136		288	112	164			1944
Lambs...		80		80				118	15				272
Fish	1479	304	333	605			115	160		14	70	212	3066
Salt fish					900								900
Smoked hams		80		195	254	220	15	800	410	28	351		2152
Boneless hams				40		1160	500						1840
Smoked shoulders			12	45	120						18		295
Bacon							230	100	43	60			393
Salt tongue				28									28
Pork tenderloin			50									140	190
Pickled pigs feet	50				40	55							145
Bologna meat		130	68	285	106	40		167					705
Bologna sausage		220	335		20	753		60	90	40			1408
Pork sausage		38		30	53		61			40			191
Summer sausage				30			95		60				185
Liver sausage				38	70				30		30		168
Head cheese					105								105
Lard			40										40
Total	3537	3012	3226	4578 1/2	4610	6385	3060	5868	4129	3014 1/2	1352	5278	50190

MISCELLANEOUS.

8 gallons oysters; 7 beef livers; 106 rabbits; 30 prairie chickens; 28 pheasants; 65 wild ducks; 13 snipes; 106 cases strawberries.

ANNUAL REPORT
Sealer of Weights and Measures.
1891.

ANNUAL REPORT
OF THE
SEALER OF WEIGHTS AND MEASURES.

MINNEAPOLIS, MINN., January 1, 1892

To the Honorable City Council.

GENTLEMEN.—In accordance with a resolution passed by your honorable body, November 28, 1890, calling for a detailed report from the heads of the different departments of the city government, to be submitted to the city council annually on or before January 10th of each and every year, I herewith submit the following for the year ending December 31, 1891

I have visited one thousand five hundred and ninety-seven (1,597) places of business where either scales, weights or measures, or all of them, were used in the transaction of business. I have had examined and tested and either found correct or condemned three thousand one hundred and ninety-eight (3,198) sets of scales, two thousand nine hundred and three (2,903) wine and dry measures, and one thousand six hundred and sixty-six (1,666) yard measures. I have had adjusted one hundred and twenty seven (127) sets of scales that were more or less out of balance caused by some small defect that could be overcome without much difficulty and thus avoided the necessity of the owners being made any expense on them by having to take them to some scale-house for repairs. I found it necessary to condemn thirty-one (31) sets of scales, ninety-five (95) weights, and one hundred and eighty-four (184) wine and dry measures.

In accordance with the coal ordinance passed by your honorable body March 14, 1890, I have appointed, during the year, sixteen (16) deputy weighmasters, which have been in all cases men that were selected or recommended by the coal dealers. Some of them were appointed to take the place of deputies that had been removed, while others were appointed to fill new stations in coal yards that were not in operation last year. I have stopped on the way of delivery over five hundred (500) loads of coal to ascertain if the driver had the proper weighmaster's certificate that the ordinance requires should accompany each and every load, and I am pleased to say that there were but three instances where they did not have them, and they were all satisfactorily explained to me upon going to the weighmaster at the yard from which the coal was being delivered. In one case the driver had carelessly gone off and left the certificate on the office desk. In another case the man that had bought the coal saw it weighed and took the certificate with him. In the third case the certificate was mailed to the party buying the coal, to his office address, at his request. I also caused to be weighed during the year, either on city or

some other public scales that had previously been tested by me, about two hundred and fifty (250) loads of coal; having lost the memorandum book that I carried for that purpose, I am unable to give the exact number and the exact weights, and, although there were some shortages, running from ten (10) pounds to, in one case, one hundred (100) pounds on a load of two tons of coal, the facts are that I have weighed more loads that ran over the amount the certificate called for than I have that had less than the amount the certificate called for; and upon a careful investigation of these cases where the shortages occurred I am fully satisfied that in every case it was either through carelessness in the weighmaster not balancing his scales often enough or by allowing dirt or loose coal to accumulate and then by not cleaning them off as frequently as should have been done. I do not believe that there was a criminal intent in any one of the cases that I have so far investigated. I am fully aware that carelessness can only be excused to a certain extent, and I have been obliged to cause the dismissal of one deputy for that reason, and I notified others that any more mistakes could and would not be excused—I having given all the benefit of the doubt as to their honesty rather than accuse one of them of wrong doing without a certainty.

On the whole, I believe the coal ordinance, as it now stands, to be as near a success as it would be possible to make it, with one exception, and that if the general public were as well protected from fraud in other lines of business as they are in the coal trade they would have little cause for complaint. The exception, and the only change that I could suggest that I think would improve the ordinance at all is the one that I made last year in my annual report, viz.: that it was my belief that car-loads of coal should be weighed before going to the consumer by a deputy weighmaster the same as other coal, instead of by the railroad companies.

I feel the necessity of again calling your honorable body's attention to the fact that a large proportion of the dealers in that class of foods and liquids that should be measured in either dry or wine measures are avoiding the spirit of the law by substituting, in the case of dry measures, paper sacks which they claim will hold the given amount asked for by a customer. As an illustration, they will take what is known by the trade as a twelve-pound sack and fill it as near full as they may think they can afford to for a half peck, using a twenty-pound sack for a peck, and so on, measuring their liquids, such as vinegar, cider, syrup, molasses, etc., by running them directly from the barrel in which they are contained into so-called one, two, three, four and five gallon jugs or jars which may or may not hold the given quantity. I maintain that every dealer selling such goods should be obliged by law to keep at least one full set of dry and wine measures and be compelled to use them in place of guess work as is often the case now.

I also embrace this opportunity of again calling your honorable body's attention to the fact that the evil still exists of the market gardeners, farmers and so-called farmers being allowed to sell their produce in baskets of a questionable size called a bushel to suit their convenience, while they ought to be compelled to sell them in standard bushels, or, more properly, by weight. The regular dealers and storekeepers who have to pay city taxes for the privilege of doing business and are compelled by

law to sell their wares in sealed measures are thus put at a great disadvantage and gross injustice is done not only to them but to the public in general, and the wrong ought to be righted as soon as practicable by proper legislation on this matter.

There should also be some way of remedying and righting another wrong by enacting a law or ordinance that would compel all dealers selling dry or wine measures to sell a standard measure that will hold exactly the amount that it was represented to hold and stand the test of the city sealer's measures. As it is now I have been compelled to condemn a good many measures that were practically new, having recently been purchased by the retailer in good faith on his part, he supposing that they were all right, in which case he not only loses the measure and what he paid for it, but was also out the testing fees, and then did not know where to go to purchase those that he could feel sure were all right. I have done what I could to help out the cause by going to several of the larger dealers in this class of goods and talking the situation over with them and trying to get them interested in doing what they could to remedy the matter, and I am pleased to say that I was nicely received and have their promise that they would give the matter their earnest attention.

My fees for testing scales, measures, weights, etc., for the year have amounted to one thousand three hundred and eighty-four dollars and eighty-five cents (\$1,384.85), out of which I have paid my deputy, J. C. Dohrman, one hundred and eighty-four dollars and eighty-five cents (\$184.85) and Deputy Alfred Harrison one hundred and fifty-five dollars (\$155), a total of three hundred and thirty-nine dollars and eighty-five cents (\$339.85). I am also at the expense of keeping a horse, wagon and harness through the entire year for the accomodation of the office, which, at a low estimate, should be worth two hundred dollars (\$200) a year. In justice to the dealers that I come in contact with, and to my own convictions in the matter, I feel compelled to say to your honorable body that I sincerely beleve that the officer holding my position should be paid a salary by the city and that there should be no fees, for the sole reason, if for no other, that the parties that are most benefitted by the results of the work of my office are the taxpayers and the public in general, and consequently they ought to pay their proportion, at least, for the benefit derived, and thus the storekeepers, who are already largely taxed for the privilege of doing business, should be relieved from an extra tax which, it seems to me should properly be paid out of the general fund.

Very respectfully submitted,

A. G. MOSHER, *City Sealer.*

ANNUAL REPORT
BOARD OF EDUCATION.

1891.

BOARD OF EDUCATION FOR 1891.

MEMBERS.

A. C. AUSTIN	-	-	-	-	Term expires January 1, 1893.
ROBERT PRATT	-	-	-	-	Term expires January 1, 1893.
M. FALK. GJERTSEN	-	-	-	-	Term expires January 1, 1895.
A. T. ANKENY	-	-	-	-	Term expires January 1, 1895.
JOHN NORTON	-	-	-	-	Term expires January 1, 1897.
LUTH JAEGER	-	-	-	-	Term expires January 1, 1897.
Jos. H. ROLFE	-	-	-	-	Term expires January 1, 1897.

OFFICERS OF THE BOARD.

A. T. ANKENY	-	-	-	-	-	-	President.
M. FALK. GJERTSEN	-	-	-	-	-	-	Secretary.
K. KORTGAARD	-	-	-	-	-	-	Treasurer.
H. B. MARCHBANK	-	-	-	-	-	-	Clerk.
W. M. DUNCAN	-	-	-	-	-	-	Foreman of Buildings.
JOHN E. BRADLEY, PH. D.	-	-	-	-	-	-	Superintendent of Schools.

STANDING COMMITTEES.

Committee on Rules and Regulations—MESSRS. NORTON, PRATT AND ROLFE.

Committee on Finance, Claims and Insurance—MESSRS. AUSTIN, JAEGER AND PRATT.

Committee on Building and Repairs—MESSRS PRATT, NORTON AND JAEGER.

Committee on Teachers, Janitors and Salaries— MESSRS. ROLFE, GJERTSEN AND NORTON.

Committee on Fuel, Supplies and Printing—MESSRS JAEGER, AUSTIN AND GJERTSEN.

Committee on Text Books, Course of Study and Library—MESSRS. GJERTSEN, ROLFE AND AUSTIN.

The President is *ex-officio* member of all committees.

ANNUAL REPORT.

OF THE

BOARD OF EDUCATION.

To the Honorable City Council of the City of Minneapolis:

GENTLEMEN.—I herewith submit to your honorable body a statistical report of the work and expenses of the board of education for the year 1891, and a statement of its present condition.

The results of the past year have been very satisfactory, as you will see by the tables appended. The enrollment of scholars has been increasing at a very rapid rate, and the board has had in some districts to provide extra accommodations to meet the increasing number of scholars.

The expenses of the year by as strict economy as is consistent with proper efficiency have been reduced to a minimum.

Altogether, in submitting this report, I feel that the year 1891 has been one of great results, in regard to education.

Cash value of buildings....	\$1,365,195.63
Cash value of land.....	964,400.00
	<u>\$2,229,595.63</u>

RECEIPTS AND DISBURSEMENTS.

Receipts.

Balance on hand January 1, 1891	\$945.62
Receipts from all sources.....	841,028.43
	<u>\$841,974.05</u>

Disbursements.

Running expenses	\$485,066.06
Improvements.....	12,270.87
Furniture.....	2,214.52
Interest on bonds.....	37,709.36
Grading.....	358.22
Bills payable.....	299,000.00
	<u>\$836,649.03</u>
Balance January 1, 1892....	<u>\$5,325.02</u>

The above item of \$37,709.36 for interest on bonds has been ordered refunded by the courts, as the board of education is not liable for the interest. The courts deciding that the city shall assume the payment of such interest.

For a more detailed statement of the finances of the board, see comptroller's report.

Number of school buildings in 1891:

Brick	44
Frame.....	5
Total	<u>49</u>

Number of school rooms	547
Number of recitation rooms	213
Total	<u>760</u>

Seating capacity.....	25,026
Number of teachers employed December 1891.....	567
Number of teachers evening schools.....	47
Total enrollment December 31, 1891.....	21,100
Increase over last year.....	1,458
Total enrollment evening school.....	1,858
Increase over last year.....	134
Enrollment in 1887.....	16,194
Enrollment in 1888.....	17,997
Enrollment in 1889.....	19,496
Enrollment in 1890.....	20,592
Number of school buildings in 1885.....	27
Number of school buildings in 1886.....	29
Number of school buildings in 1887.....	36
Number of school buildings in 1888.....	39
Number of school buildings in 1889.....	45
Number of school buildings in 1890.....	49
Number of school buildings in 1891.....	49

No new buildings have been erected during the past year, but extra accommodation had to be provided in the Prescott, Sumner, Franklin, North Side High and Hawthorne districts, by renting rooms adjacent to the school buildings.

New plumbing of a modern type has been put in at the Whittier, Grant, Emerson, Garfield, Horace Mann, Humboldt and Lowell buildings at a total cost of \$9,498.20.

In the matter of fuel there has been, during the year 1891, a marked decrease in the cost of heating the school buildings. The fuel bill for last year being \$22,803.47, and for this year \$18,471.14, being a saving of \$4,332.33 in that direction.

The work of the schools this year have gone on prosperously, nearly all of the schools being filled up.

It is the aim of the Board of Education to make the work of the school progressive and thorough without attempting unwise experiments.

In the Adams and Holmes schools there has been added during the last year fourth year high school class, placing these schools on a par with Central and North Side high schools, giving the city four high schools, thoroughly equipped in every direction.

Manual training has taken up a large share of the attention of the board, who believe that such training is beneficial and has the effect of stimulating the physical as well as the mental energies of the scholars.

Sewing and drawing and industrial work in the primary grades have shown great advancement over last year.

In conclusion I would say that we have every reason to feel gratified with the success which we have attained in educating the children and youth of our city.

Respectfully submitted,

M. FALK GJERTSEN, *Secretary.*

ANNUAL REPORT
LIBRARY BOARD.

1891.

LIBRARY BOARD, 1891.

T. B. WALKER	- - - - -	President.
	(Term expires 1895.)	
JOHN G. MOORE	- - - - -	Secretary.
	(Term expires 1897.)	
J. B. ATWATER.		THOMAS LOWRY.
(Term expires 1893.)		(Term expires 1893.)
A. M. GOODRICH.		SVEN OFTEDAL.
(Term expires 1897.)		(Term expires 1895.)

EX-OFFICIO.

The Mayor of the City.

The President of the Board of Education.

The President of the University of Minnesota.

STANDING COMMITTEES, 1891.

FINANCE—Messrs. Winston, Lowry and Ankeny.

BUILDING—Messrs. Atwater, Moore and Northrop.

LIBRARY—Messrs. Oftedal, Northrop and Goodrich.

MEMBERS OF THE LIBRARY BOARD.

From its Organization, April 21, 1885, with their Terms of Services.

[illegible]

EX-OFFICIO.

The Mayor of the City:

PILLSBURY, GEO. A.	-	-	-	-	-	-	-	-1885-86
AMES, A. A.	-	-	-	-	-	-	-	1886-88
BABB, E. C.	-	-	-	-	-	-	-	1888-90
WINSTON, P. B.	-	-	-	-	-	-	-	1890-

The President of the Board of Education:

JOHNSON, J. W.	-	-	-	-	-	-	-	1885-86
OFTEDAL, SVEN	-	-	-	-	-	-	-	1886-88
AUSTIN, A. C.	-	-	-	-	-	-	-	1888-90
ANKENY, A. T.	-	-	-	-	-	-	-	1890-

The President of the University of Minnesota:

NORTHROP, CYRUS	-	-	-	-	-	-	1885-
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LIBRARY SERVICE.

LIBRARIAN.

HERBERT PUTNAM.

ATHENAEUM ASSISTANT LIBRARIAN.

MRS. M. C. NORTON.

GRATIA COUNTRYMAN	- - -	Head of Catalogue Department.
JOSEPHINE CLOUD	- - -	Head of Issue Department.

ASSISTANTS.

LINA BROWN,	CLARA LYNSEY,	MIRIAM M. DAVIS,
JESSIE McMILLAN,	VENA DUNLAP,	LOUISE MONTGOMERY.
KR. HEIBERG,	JESSIE C. NORTON,	HELEN B. IVES,
KATHERINE PATTEN,	LOUISE I. LYNSEY,	E. P. ROBERTS,
	LOIS M. SPEARE.	

PAGES.

JOHN FRALICK,	FRED. BATES,	ANDREW HEIBERG,
HANS BRATLIE,	GEO. HUTCHINSON,	EBEN MARTIN.

CHARLES CLAUDE	- - -	Reading Room Attendant.
LEWIS A. RUNGE	- - -	Janitor.
ELLA C. WALKER	- - -	Art Gallery.
F. VAN LIEW	- - -	Elevator.
J. S. HAWKINS	- - -	Delivery Wagon.

NORTH SIDE BRANCH.

MRS. B. A. HEYWOOD, Asst. in Charge. MAY MALLORY, Assistant.

FRANKLIN AVENUE BRANCH.

H. ASKELAND, Asst. in Charge. NINETTE BOYNTON, Assistant.
JOHN GJERTSEN, Page.

EAST SIDE BRANCH.

VICTOR NILSSON, Asst. in Charge. LILLIE M. MARTIN, Assistant.

ANNUAL REPORT
--OF THE--
LIBRARY BOARD.

**THE LIBRARY BOARD
OF THE CITY OF MINNEAPOLIS. }
Jan. 15, 1892. }**

To the Honorable Mayor and City Council of the City of Minneapolis:

GENTLEMEN—The Library Board of the city of Minneapolis herewith respectfully presents its report for the year 1891, being the second annual report since the opening of the Public Library.

Respectfully submitted,

T. B. WALKER, President.

J. G. MOORE, Secretary.

A. T. ANKENY.

J. B. ATWATER,

A. M. GOODRICH,

THOMAS LOWRY,

CYRUS NORTHROP,

SVEN OFTEDAL,

P. B. WINSTON,

Directors Minneapolis Library Board.

REPORT OF THE PRESIDENT.

To the Members of the Library Board:

GENTLEMEN—The report of the secretary presents a detailed account of the receipts and expenditures, and the librarian's report gives a review of the condition of the library and the circulation of books during the past year. These reports cover so nearly all the material facts that but little more need be said:

The extraordinary demand for books draws very heavily upon the means in the hands of the board for supplying it. In 1890 the number of books drawn was 202,932. In 1891 the number was 279,193—an increase of 76,261 or about 33 per cent.

This rapidly increasing use of the library and its branches renders it necessary to employ more help, rebind more books, and in other ways meet more expense bills. For the past year, however, the total operating expenses were about four per cent. less than for 1890, the bills for fuel, light, incidentals and supplies being less than for the previous year. The fuel bill was excessive in 1890 on account of a larger amount having been purchased than was consumed during the year, while for this year there was probably not as much paid for as used. This excess on the coal bill makes about the difference of the four per cent. decrease in expenses. The total operating or running expenses will likely increase with the circulation of books, but probably not quite in proportion, as some of the expenses will remain about stationary, and others increase in a lesser proportion.

The unusually large circulation of books is a showing of great credit to the literary and educational proclivities of the citizens. It is the largest percentage of books drawn from public libraries reported in any of the large cities excepting Boston, the literary hub. Let Minneapolis increase her showing until the educational Mecca takes a second place.

In 1890 the Library Board expended for books.....		\$11,700.18
The Athenaeum expended.....		13,891.70
		<hr/>
		\$25,651.97
With this there were purchased by the Library Board.....	7,827 volumes.	
By the Athenaeum.....	4,188 volumes.	
Add accessions by gift, etc.....	426 volumes.	
	<hr/>	
Making a total of.....	12,441 volumes.	
In 1891 the Library Board expended for books.....		\$ 9,300.65
The Athenaeum expended.....		3,500.00
		<hr/>
		\$12,800.65
With this there were purchased by the Library Board.....	4,489 volumes.	
By the Athenaeum.....	1,118 volumes.	
Added by gift, exchange, etc.....	928 volumes.	
	<hr/>	
Making a total of.....	6,535 volumes.	

To keep pace with the growth of the city and the increasing demand for books, there should be expended annually ten to fifteen thousand dollars in addition to the annual purchases by the Athenaeum board, amounting to about \$10,000. And in order to accommodate this increase, the central library should be enlarged as early as 1893; but to accomplish this

it will be necessary for the board to levy the amount of taxes to which it is entitled. The effort made to secure the five-tenths levy was defeated by the board of tax levy, by which it was reduced to four-tenths of a mill. This decrease will make the income for this year a little less than for 1891. This reduction will render it impracticable to undertake the construction of the extra book room of the library, and will necessarily limit the expenditures on the branches.

As satisfactory sites for permanent branch libraries are becoming more expensive, it might be desirable and practicable for citizens to secure locations by contributions from people living or interested in the district of the city where branches should be located as indicated in a general way by the branches now temporarily established, with perhaps an additional one in the eighth ward; although it is uncertain as to when the board would be able to construct buildings on such lots if procured. In the construction of the central library building over \$50,000 was contributed by citizens, which would indicate that perhaps these various localities might secure funds enough to procure grounds while they are more available than they will be in the future.

The museum of the Academy of Science has been enlarged somewhat during the past year, and will receive quite material additions the present year from the expedition sent by Mr. Menage to the Phillipine islands. Four large cases are being constructed for use in placing specimens from this collection, and these will hold but a fraction of those that have been received or are on the way.

Several valuable additions have been made to the collection of paintings in the gallery. The room now contains a creditable collection of original works of a high grade. The gallery and museum bring many visitors, both strangers and citizens, to the library.

The work of the board, from its establishment to the present time, in the construction of the building, location of branches and the management of its affairs, seems to meet with the general approval of the citizens. It is to be hoped that in the future it will be as successful in this respect as in the past, although our citizens must bear in mind that to furnish a great city with exceptionally fine library facilities and supply a large percentage of its residents with books will necessarily require a large expenditure of money. Still the utmost care should be used in keeping these expenditures within the closest limits practicable. Up to the present time there has been no money wasted, and but little more paid out than was absolutely necessary. It is to be hoped that the board of tax levy will not use its authority to reduce the levy for this year below the amount authorized in the charter, as the board will soon be unable to keep pace with the increasing demands and satisfy the requirements of the people for additional library accommodations without the full amount authorized by law.

T. B. WALKER, *President.*

MINNEAPOLIS, January, 1892.

REPORT OF THE SECRETARY.

MINNEAPOLIS, Minn., January 14, 1892.

The Honorable Library Board.

GENTLEMEN:—I beg to submit herewith a statement of the receipts and disbursements of the library board for the year ending Dec. 31, 1891.

The balance due on amount previously borrowed, \$17,000.00, was paid in June 1891.

The balance now in the hands of the treasurer to the credit of ths board is \$11,121.32; in the hands of the librarian,\$141.81.

Respectfully submitted,
JOHN G. MOORE, *Secretary.*

LIBRARY FUND ACCOUNT.

Receipts and Disbursements of Library Board for the Year 1891.

BY RECEIPTS.	
Balance on hand January 1, 1891.....	\$25.31
Received from taxes.....	64,379.09
Received from penalties and interest.....	1,514.99
Received from individual subscriptions	400.00
Received from loans (bills payable).....	10,404.41
Received from librarian, cash received account.....	1,461.82
Received from K. Kortgaard, city treasurer (errors in pay roll) ..	46.00
Received from interest refunded.....	6,450.00
Received from interest.....	95.59
Received from Minneapolis School Furn. Co. (error in bill)	279.00
Total	\$85,056.21
TO DISBURSEMENTS.	
On account of building.....	\$549.39
On account of furniture.....	814.81
On account of furnishings.....	884.30
On account of supplies.....	1,600.68
On account of incidentals.....	1,244.12
On account of light.....	2,556.05
On account of fuel.....	1,487.28
On account of repairs.....	889.37
On account of printing.....	338.38
On account of binding.....	2,637.41
On account of insurance.....	153.75
On account of interest.....	5,410.71
On account of books.....	7,070.48
On account of periodicals.....	2,321.17
*On account of salaries.....	15,011.54
*On account of janitorial.....	3,464.45
On account of bills payable	27,500.00
To balance in city treasury, Jan. 1, 1892.	11,121.32
Total.....	\$85,056.21

*Salaries and janitorial cover a period of 12 months, from January, 1891, to December of that year, inclusive. All other items in this statement cover a period of 13 months from December, 1890, to December, 1891, inclusive.

REPORT OF LIBRARIAN.

MINNEAPOLIS, MINN., January 15, 1892.

The Honorable, The Library Board.

GENTLEMEN:—I have the honor to present herewith the report of the librarian for the fiscal year, ending December 31st. 1891. It is my second annual report, the second also since the library was opened. The tables appended give in detail all the statistics of interest. I remark here only upon those of especial significance.

BOOKS.

The total number of volumes in the library, December 31st, 1890, by actual count was 42,002, of which 17,159 belonged to the city division; 24,928 to the Athenæum. The additions during the year according to the accession catalogues have been, city division, 5,417; Athenæum, 1,118. These, with the former total of 42,002, and deducting 213 volumes laid aside for exchange, and 324 volumes worn out, or lost and paid for would give 48,000 as the number at present in the library, or 49,100, counting in books laid aside for exchange. The count, which would naturally come once a year, has been postponed until next summer, as a quieter season and therefore one tending to greater accuracy. Included in the above totals, are the books placed in the branches. These now aggregate 3,332 volumes.

GIFTS.

The total of gifts during the year was, of bound volumes, 641. A full list of donors is appended.

CARDS.

The total number of applications for cards to date since the opening of the library, has exceeded 22,000. The number of cards actually issued to January 1st, 1892, was 20,126 of which 6,624 were issued during the year 1891. A new series of the cards began on December 17th, at the expiration of two years from the date of the certificate first filed under the first issue. The new certificates are to run for three years instead of two.

CIRCULATION.

The library was open for the issue of books during the year 1891, 309 days. The number of volumes taken out for home use was 279,193. (In 1890, the number was 202,932). The daily average issue was 903 volumes, largest issue in one day, 1,914, smallest issue, 438. Of the 279,193 volumes, 66,486 were issued through the branches. With relation to the half dozen other American libraries having the largest circulation, the Minneapolis library appears to rank sixth, and within 2,000 volumes, within one per cent., of ranking fifth. The six leading libraries with their respective circulation for the latest year for which statistics could be given, appear to be:

1. Chicago Public Library (1891) estimated	1,050,000
2. Boston Public Library (1890)	808,960
3. Enoch Pratt Library (Baltimore, 1890)	440,991
4. Newark Public Library (1891, estimated)	306,066
5. Cleveland Public Library (1890-91)	290,815
6. Minneapolis Public Library, 1891	279,193

It is to be noted that New York, Philadelphia, Brooklyn and St. Louis, have no one of them a free city library.

MEDICAL DEPARTMENT.

The subscriptions from individuals of the medical and dental professions supplied this year cover little beyond the dental periodicals. The balance of the list of medical journals was discontinued last May. It is the hope of the committee to secure subscriptions enough to renew at least a portion of the list for 1892.

BRANCHES.

On November 1st, 1891, a third branch library was opened, this time for the East Side. The statistics of its use for the past two months will be found with those of branches A and B, in the appendix.

BULLETINS.

The only addition to the list of printed catalogues of the library have been the bulletins, of which three have been issued during the year. The further necessities of the library in the matter of catalogues are adverted to below.

CONCLUDING REMARKS.

In my previous report I indicated certain problems concerning the development of the library, as being of most pressing importance. First, the compilation of the card catalogues; the establishment of delivery stations in addition to the branch libraries; the enlargement of each branch, at any rate into an independent circulating library; and finally, systematic co-operation with the public schools. The branches have already augmented their scope, and each is now in effect an independent circulating library, though a small one. Delivery stations will, doubtless, be found possible at slight expense during the coming year. The work with the schools, though not yet systematized, is being rapidly prepared for by the addition of multiple copies of books needed for illustration or collateral reading, and by the enlargement of the branches; and on their side, the teachers are gaining a necessary preliminary acquaintance with the reading habits of the pupils, by requiring a periodical statement of books read. The lists of books so submitted by the pupils have, I am told, improved very generally in quality during the past year. What share the library may have had in this improvement can only be vaguely guessed at. I had hoped, as time went on, to incorporate these teachers' and pupils' lists into some comparative statistics that would certainly have been of interest, and might have proved of educational value.

The card catalogue is still far behind. Beyond the entry of current accessions the force in the department has sufficed only to accomplish a fraction of the final author catalogue. The library has thus at present, apart from the finding lists, only a brief and not very accurate memorandum author catalogue of the books on hand January 1st, 1890, and a full author catalogue of the accessions since that time (20,000 of the 50,000 volumes). The catalogues by title entries should begin at once; and as soon as practicable, the subject catalogue proper. The finding lists have by means of the bulletins been kept up to date. But the additions since February, 1890, should be incorporated into a single printed supplement to the general finding list, and thereafter, instead of a revised general

list, there can be issued class lists, somewhat in the style of the fiction juvenile list issued a year ago.

The printing of anything more extended than such finding lists, which cost little and may be sold cheaply, would be for the present an indefensible extravagance. The library would outgrow such a catalogue before its final sheets could be issued from the press. But the card catalogues should be such as to lead an inquirer to his subject from whatever point he may approach. And even with the freedom of access permitted to our shelves, a full author, title, subject card catalogue is to be a necessity.

Circumstances are not to permit me in person to carry out any such plans for developing the efficiency of the library. I touch upon them only to pave the way for my successor.

I have been obliged, by personal and domestic reasons, to lay down the office of City Librarian, and have already formally signified this to the library board.

This report, therefore, concludes my official connection with the library. With submitting it I must repeat my cordial appreciation of the spirit and method of the board which have enabled my work to reach what effectiveness it has succeeded in reaching; and my cordial regret at the necessity which compels me to discontinue it.

Respectfully submitted,
HERBERT PUTNAM.

CASH ACCOUNT.

HERBERT PUTNAM, LIBRARIAN, IN ACCOUNT WITH LIBRARY BOARD.

		DR.	
1891.			
Jan'y 1.	To balance on hand, as per statement.....	\$582.25	
	Balance due depositors.....	17.00	
	Deposits received.....	216.20	
	Fines received.....	1,053.15	
	Catalogues sold.....	248.67	
	Books sold.....	6.20	
	Books lost, paid for.....	47.31	
	Yearly subscriptions received.....	6.00	
	Packing cases sold.....	15.00	
	Received from Office and School Furnishing Co. on account.....	279.75	
1891.			CR.
	By Deposits returned.....		\$212.20
	Fines refunded... ..		.70
	Theft from money drawer		5.00
	Deposited with city treasurer.....		2,000.82
	Balance due depositors.....		21.00
	Balance.....		141.81
		\$2,471.53	\$2,471.53
1892.			
Jan'y 1.	To Balance on hand, as above.....	\$141.81	
	Balance due depositors.....	21.00	

I hereby certify the above statement to be correct.

HERBERT PUTNAM, *Librarian*

Minneapolis, January 1st, 1892.

APPENDIX A.

BOOKS

	1890			Books added 1891		Total 1891		Grand total	Branches.	Main library	Per cent
	Athenaeum	City	Total	Athenaeum	City	Athenaeum	City				
Bibliography	404	53	450	10	60	423	115	533	74	534	1.12
Cyclopedias	271	47	318	3	31	274	78	352	31	321	1.73
General periodicals ..	4,549	3	4,551	182	465	4,731	464	5,190	92	5,107	10.79
Newspapers	241	...	241	12	84	253	84	337	25	312	.80
Collected works	791	241	1,032	55	22	846	263	1,109	55	1,054	2.98
History	2,567	1,228	4,795	120	274	3,687	1,502	5,189	400	4,789	11.76
Travel	1,562	786	2,340	76	166	1,638	951	2,589	130	2,459	5.38
Biography	2,111	867	2,978	35	396	2,146	1,202	3,348	156	3,191	6.52
Literature	934	589	1,431	12	126	946	675	1,621	117	1,504	2.52
Poetry	1,694	258	1,952	31	95	1,535	363	1,898	1,103	1,795	2.91
Physical science	464	150	614	6	47	450	206	656	21	635	1.44
Natural science	890	296	1,186	10	74	918	370	1,288	16	1,272	2.87
Medicine	284	1,408	1,692	50	96	343	1,508	1,851	49	1,802	2.82
Useful arts	1,391	570	1,961	78	238	1,469	807	2,276	...	2,277	4.72
Fine arts	908	331	1,239	56	114	964	439	1,402	16	1,386	2.40
Philosophy, education ..	367	300	667	55	94	412	309	715	9	706	1.40
Polit. and soc. science ..	426	519	945	53	230	468	749	1,217	30	1,187	2.34
Religion	965	451	1,416	9	425	974	676	1,650	53	1,597	3.86
Foreign languages	331	1,573	1,902	...	1,191	331	2,764	3,095	1,142	1,953	6.43
Fiction	1,423	6,574	8,223	...	397	1,423	7,471	8,894	867	7,713	17.96
Juveniles .....	...	...	...	...	311	...	311	...	...	311	.64
Government doc'ts	1,364	601	2,043	237	344	1,501	1,038	2,416	...	2,416	5.46
Directories	164	40	204	...	0	164	40	213	4	209	.44
Totals	34,028	17,159	42,002	1,118	5,417	26,046	22,576	48,600	3,332	44,668	...
Add duplicates, laid aside .....	...	...	...	...	...	...	...	1,100	...	...	...
Total .....	...	...	...	...	...	...	...	49,100	...	...	...

*48,324, less 324 volumes worn out and discarded

APPENDIX B.
CIRCULATION BY MONTHS.

MONTHS.	Main Library.	Branches.	Total.
January.....	24,496	4,394	28,890
February.....	20,083	5,574	25,657
March.....	21,042	6,324	27,366
April.....	18,535	5,664	24,199
May.....	18,036	5,839	23,875
June.....	13,584	4,084	17,668
July.....	13,342	3,736	17,078
August.....	17,215	4,835	22,050
September.....	13,076	3,748	16,824
October.....	19,514	5,890	25,404
November.....	15,698	6,924	22,632
December.....	18,086	9,464	27,550
Total.....	212,707	66,486	279,193

APPENDIX C.
CLASSIFIED CIRCULATION. 1891.

CLASS.	Main Library.	Branches.	Total.	Per cent.
History and biography.....	19,121	3,868	22,989	8.25
Travels and description.....	8,011	1,922	9,933	3.57
Literature, miscellaneous, poetry and drama.....	6,556	973	7,529	2.69
Physical and natural sciences.....	3,367	547	3,914	1.40
Medicine and practical arts.....	3,390	519	3,889	1.39
Fine arts, education, pol. and soc. sci., religion.....	9,492	989	10,481	3.75
Fiction.....	118,208	25,504	143,802	51.52
Juveniles.....	38,165	18,449	56,614	20.29
Foreign languages.....	5,232	13,715	18,847	6.76
Unclassified.....	1,075	.....	1,075	.38
Total.....	212,707	66,486	279,193	.....
Serials.....	6,204	2,505	8,709	.....

APPENDIX D.
CENTRAL LIBRARY—CLASSIFIED CIRCULATION BY MONTHS.

CLASS.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
History and biography.....	2,030	1,972	2,139	1,803	1,566	917	920	1,161	1,184	2,104	1,652	1,673	19,121
Travels and description.....	947	939	883	711	614	430	378	442	378	624	626	1,039	8,011
Literature, miscellaneous, poetry, drama.....	685	600	660	561	565	307	314	403	467	729	631	644	6,556
Physical and natural sciences.....	366	306	316	336	310	157	149	178	179	289	198	583	3,397
Medicine, practical arts.....	424	334	327	274	272	177	223	266	194	317	259	323	3,390
Fine arts, education, pol. and soc. science, religion.....	1,096	971	913	802	795	544	481	638	538	952	786	976	9,492
Foreign languages.....	1,115	574	543	434	360	273	236	348	250	427	278	394	5,232
Fiction.....	12,798	10,441	11,560	10,322	10,389	8,424	8,132	10,348	7,551	10,771	8,376	9,186	118,208
Juveniles.....	4,902	3,855	3,625	3,244	3,077	3,280	2,433	3,371	2,244	3,218	2,760	3,156	38,165
Unclassified.....	133	91	86	48	88	75	76	60	91	83	132	112	1,075
Total.....	24,496	20,083	21,042	18,535	18,036	13,584	13,342	17,215	13,076	19,514	15,698	18,086	212,707
Serials.....	408	478	503	438	507	454	426	549	507	706	530	680	6,204

APPENDIX E.
NORTH SIDE BRANCH.—CLASSIFIED CIRCULATION BY MONTHS.

CLASS.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
History and biography.....	87	197	179	170	105	72	78	65	63	190	178	272	1,656
Travels and description.....	36	55	57	36	62	31	21	35	44	77	100	198	752
Literature, miscellaneous, poetry and drama.....	32	18	27	19	31	17	22	22	33	63	58	72	414
Physical and natural science.....	12	20	21	11	16	5	.....	11	10	26	26	36	194
Medicine, practical arts.....	25	28	30	18	17	11	2	4	4	13	10	13	175
Fine arts, education, pol. and soc. sci., religion.....	43	38	36	50	40	22	19	34	23	32	43	53	433
Foreign languages.....	79	100	85	64	74	54	42	38	23	44	49	52	704
Fiction.....	692	814	881	925	1,054	829	817	1,033	778	1,063	777	952	10,642
Juveniles.....	601	719	912	848	903	564	438	685	462	724	563	826	8,245
Total.....	1,607	1,989	2,228	2,168	2,302	1,605	1,430	1,927	1,440	2,232	1,804	2,274	23,215
Serials.....	.....	140	153	117	98	98	65	51	73	120	156	105	1,176

APPENDIX F.
FRANKLIN AVENUE BRANCH—CLASSIFIED CIRCULATION BY MONTHS.

CLASS.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
History and biography.....	116	122	157	122	132	100	63	64	97	146	240	252	1661
Travels and description.....	53	76	60	49	51	50	40	56	79	140	131	162	947
Literature, miscellaneous, poetry and drama ..	28	18	19	15	12	10	26	17	35	96	90	192	458
Physical and natural sciences.....	16	14	21	28	15	6	7	4	2	37	24	21	195
Medicine, practical arts.....	35	31	32	26	31	30	20	20	14	9	15	19	282
Fine arts, education, pol. and soc. science, religion.	57	44	58	39	35	27	31	39	24	38	36	67	495
Foreign languages.....	684	1,358	1,532	1,268	1,125	825	850	1,024	792	1,099	901	1,314	12,762
Fiction.....	1,008	1,069	1,210	1,073	1,266	941	875	1,098	822	1,211	1,096	1,163	12,862
Juveniles.....	800	853	1,007	876	870	490	385	586	443	832	973	1,111	9,225
Total.....	2,787	3,585	4,006	3,496	3,537	2,479	2,207	2,908	2,306	3,658	3,536	4,201	38,888
Serials.....	.....	230	274	146	100	74	60	36	35	102	78	19	1,221

APPENDIX G.

EAST SIDE BRANCH—CLASSIFIED CIRCULATION BY MONTHS.

CLASS.	November	December	Total.
History and biography.....	221	230	551
Travels and description.....	227	116	343
Literature, miscel. poetry and drama.....	31	68	101
Physical and natural science.....	55	102	157
Medicine, practical arts.....	27	31	58
Fine arts, education, pol. & soc. sci., religion.....	31	30	61
Foreign languages.....	55	194	249
Fiction.....	75	1,285	1,360
Juveniles.....	229	640	869
Total.....	1,501	2,789	4,290
Serials.....	66	132	198

APPENDIX H.

SUMMARY OF STATISTICS, 1891.

	Ath.	City.	Total
Books in library, Jan. 1, 1891 (net).....			42,002
Accessions by gift.....	224	417	641
Accessions by purchase.....	606	4,480	5,086
Accessions by binding.....	225	481	707
Accessions by exchange.....		30	30
Worn out and discarded.....	85	184	269
Sold or exchanged.....			41
Reported lost 1890, returned 1891.....			1
Lost and paid for.....	10	30	40
Lost and not paid for.....		5	5
Duplicates laid aside for exchange.....			1,108
Net accessions, 1891.....	1,118	5,417	6,535
Books in library, 1892.....			48,000
Books added North Side branch.....			470
Books added Franklin Avenue branch.....			1,310
Books added East Side branch.....			633
Total in branches, Jan. 1, 1892.....			3,413
Total in main library, Jan. 1, 1892.....			44,587
Total cards issued to Jan. 1, 1892.....			30,186
Cards issued 1891.....			6,694
Library opened for circulation (days).....			350
Books issued main library, Jan. 1.-Dec. 31, 1891.....			212,707
Books issued North Side branch, 1891.....			22,215
Books issued Franklin Avenue branch, 1891.....			38,698
Books issued East Side branch, Nov. 2.-Dec. 31, 1891.....			4,353
Total books issued, Jan. 1.-Dec. 31, 1891.....			277,973
Daily average Central library.....			686
Daily average North Side branch.....			75
Daily average Franklin Avenue branch.....			125
Daily average East Side branch (50 days).....			87
Total daily average.....			968
Largest issue in one day.....			1,914
Smallest issue in one day.....			434
Periodicals issued, 1891.....			8,703
Books bound, 1891.....			3,285
Binding, cost.....			\$2,377 41
Periodicals on file, Central reading room.....			505
Periodicals on file, Medical reading room.....			431
Total periodicals on file, Central library.....			236
Newspapers on file, Central library.....			51
Amount received from taxes.....			\$64,379 00
Amount received from Spencer trustees.....			\$2,500 00
Amount received from fines.....			\$1,053 15
Amount spent for books.....	\$2,603 06	\$7,070 46	\$9,673 52
Amount spent for periodicals.....	\$261 73	\$2,330 17	\$2,591 90
Amount paid for salaries, Central library.....			\$11,054 90
Amount paid for salaries, Branches.....			\$33,056 55
Amount paid janitorial, Central library.....			\$3,084 45
Amount paid janitorial, Branches.....			\$280 00
Total amount for salaries and janitorial, 1891.....			\$18,475 90

*Deduct 213 books withdrawn since last count. †Ja. Je. 46 were taken. ‡Includes \$610 00 for delivery wagon.

APPENDIX I.
LIST OF DONORS.

	VOLS.	PPH
Alleghany, Pa.....	1	
Althouse, Mrs. R. A.....	1	
American bar association.....		1
American historical association.....		1
American institute of phrenology.....		1
American society of microscopists.....		1
Amherst college.....		1
Anoka (Minn.) Herald (year's subscription.).....		1
Babcock, Franklin.....		1
Baltimore council.....	221	
Barrett, J. O.....		20
Bellamy, Edward.....		22
Bigelow, Major John.....	1	1
Boston City Messenger.....	68	
Boston public library.....		1
Bowdoin college.....		1
Brainerd (Minn.) Tribune. (years subscription).....		1
Bray, N. J.....		2
Bridgeport public library.....		
Brooklyn city council.....	1	
Brooklyn library.....		3
Brown, John O.....		15
Buffalo merchants exchange.....		1
Buffalo council.....	1	
Buffalo public library.....		1
Burlington board of trade.....		1
California bureau of mining (10 maps).....		1
California state library.....	1	
Cambridge public library.....	1	1
Cambridge (England) free library.....		1
Carnegie free library.....	1	
Carter, L. O.....	2	
Cassedy, Dr. F. F. (year subscription to periodical).....		
Chicago board of trade.....	16	
Chicago council.....	6	4
Chicago Norden. (year's subscription).....		
Chicago public library.....		28
Chicago World's Fair.....		1
Cleveland public library.....		1
Climatologist.....		1
Cole, C. C. (odd numbers of papers).....		
Coleman, Mrs. Lucretia.....	1	
Colorado college and Outlar academy.....		1
Colorado superintendent of public instruction.....		1
Columbus public school library.....		1
Cornell university.....		1
Cornell university library.....		2
Crary, F. E.....	5	
Cressey, Edward.....		13
Cross, Rev. F. T.....	2	
Davenport academy of natural science.....	3	
Dayton public library.....		2
DeForest, E.....	1	
Denver city engineer.....		1
Denver public library.....		8
Detroit council.....	2	
Douglas county (Minn.) News (year's subscription).....		
Duluth Daily News (year's subscription).....		
Earth Publishing company.....		1
Enoch Pratt free library.....		2
Evans, Charles.....		2
Evening News Association.....		1
Excelsior Publishing House.....	1	
Fergus Falls (Minn.) Journal (year's subscription).....		
Fletcher free library.....		3
Francis, Joseph.....	1	6
Friends religious society.....		1
Gale, S. C.....	1	
Gates, Miss A.....	6	
Giles, Alfred E.....	23	
Gimmel, Dr. J. E.....	1	
Goldsbury, J.....	1	
Great Falls Leader.....		1
Green, S. S.....		1
Hartford seminary.....		7
Harvard university.....		6
Harvard university library.....		6
Haven, C. D.....	16	
Hemip, Judge N. H.....	74	20
Hemip, Mrs. M. R.....	1	
Heslop, W. H.....	1	
Holbrook, Rufus.....	1	
Hosmer, J. K.....		1
Howard memorial library.....		1
Hudson, Horace B.....		1

APPENDIX I—Continued.

	VOLS.	PPH
Illinois bureau of labor	2	
Indiana bureau of labor		8
Indiana bureau of statistics	1	
Indianapolis public library		1
Jersey City public library		4
John Hopkins University		10
Kansas academy of sciences	1	
Kansas agricultural college	1	8
Kansas board of agriculture	1	
Kansas historical society		1
Keyes, Mrs. C. W.		1
Lalng, R. W.		1
Leonard, F.	1	
Lewis, T. H.		1
Litchfield (Minn.) News-Ledger (year's subscription)		
Lochren, Judge W.	2	
Los Angeles public library		3
Lynn public library		1
Macalaster college		5
McMurry, C. A.	2	
Malden public library		1
Manchester public library	1	1
Massachusetts, bureau of statistics of labor	12	18
Massachusetts, institute of technology		2
Massachusetts state board of health (gift to Athnaeum)	3	1
Menomonie, Wis., memorial free library		1
Merriam, A. B.		1
Minneapolis bar association	11	
Minneapolis board of trade		80
Minneapolis, First Congregational church		3
Minneapolis council	47	6
Minneapolis Evening Journal (year's subscription)		
Minneapolis Evening Tribune (year's subscription)		
Minneapolis realty company		100
Minneapolis Times (year's subscription)		
Minneapolis Tribune (year's subscription)		
Michigan board of health	1	5
Michigan state library	9	
Michigan uiversity library		1
Miller, Chester Gore	1	
Mills, Dr. Chas. K.	1	
Milwaukee board of trade		1
Milwaukee council	2	8
Milwaukee public library		18
Minnesota, bureau of labor	15	27
Minnesota, dairy and food commission		1
Minnesota, geology and natural history survey	12	10
Minnesota, historical society	7	30
Minnesota, normal school		1
Minnesota, railroad and warehouse commission	1	
Minnesota, superintendent of public instruction	1	
Morrison library	1	
Montreal Weekly Gazette (year's subscription)		
Morton, Miss.	7	
Nebraska historical society		1
New Bedford board of trade	1	
Newberry library		1
Newark, N. J., public library		8
New Haven public library		2
New Jersey state library	2	
New York bureau of statistics of labor		4
New York children's aid society		1
New York forest commission (gift to Athenaeum)	1	
New York state library	2	
New York Y. M. C. A.		1
Nilson, Victor	1	20
Nineteenth Century Press		1
Northwestern Railroader		1
Northwestern university		1
Ohio meteorological bureau		1
Ohio state library		1
Omaha board of trade	1	
Omaha council	2	1
Oregon agricultural station		10
Outing company		1
Peabody institute		1
Peck, A. L.		
Perkins, W. L.		1
Philadelphia, council	4	1
Philadelphia, library company		2
Philadelphia, Mercantile library		2
Pierce, Dr. R. V.	2	
Pillsbury academy		1
Pioneer Fuel company	1	
Pools, W. F.		1

APPENDIX I—Continued.

	VOIS.	PPH
Portland (Me.) public library.....	2	5
Pratt Institute		2
Pratt, Lucy M	1	
Providence public library.....		1
Providence, council.....	5	
Ramsey, N. W.	1	
Rasmussen, O. Publishing Co	1	
Red Wing council.....		1
Red Wing Daily Republican (year's subscription.).....		
Red Wing Journal, year's subscription.....		
Redwood library and athenæum		1
Religio-Philosophical Journal.....	1	
Reynolds library		1
Robinson, Harry P.		1
Royal geological society.....		1
Royal society of Canada.....	1	
Rust, Mrs. O. P.	2	
Scott county (Minn.) Argus, year's subscription.....		2
St. Joseph public library		11
St. Louis board of trade.....	1	
St. Louis merchants library.....		1
St. Louis public library		1
St. Louis working girls' free public library.....		1
St. Paul council.....	3	3
St. Paul Dispatch, year's subscription.		
St. Paul Globe, year's subscription.....		
St. Paul News, year's subscription.....		
St. Paul Pioneer Press, year's subscription.....		
St. Paul public library		1
Salem public library		8
Salem Press publishing and printing Co.....		2
San Francisco public library.....		2
Sawin, Jas. M.		1
Shutter, Rev. M. D.	2	
Simms, Dr. Jos.		2
Smith, G. W.	1	
Smith, G. S.	1	
Springfield public library.....		12
Springfield library association.....		4
Swift, M. I.	1	
Thomas Crane public library		1
Toledo public library		1
Torrey, M. D.	1	
Toronto public library.....	1	1
Tower Publishing Company	1	
Trinity College.....		2
Trumble, Alfred		1
Tufts library		2
Tweedale, Col. William		1
United States agricultural department.....	2	
United States bureau of American republics		4
United States bureau of education.....		3
United States bureau of labor	3	
United States coast and geodetic survey	5	2
United States commissioner of fisheries	2	1
United States commissioner of interstate commerce	1	
United States interior department	10	1
United States national museum	1	
United States senate.....	13	2
United States Smithsonian Institute	15	9
United States state department	1	23
United States superintendent of census.....		130
United States treasury department	3	20
United States war department.....	19	1
University extension.....		1
University of Chicago		2
University of Virginia.....		2
Unknown.....	2	1
Upham, Warren		1
Vermont university		1
Wagner, F. E.	1	
Waltham (Mass.) public library.....		1
Warder public library	1	
Waters, E. S., two boxes of newspapers		2
Waterhouse, S.		
Waterbury library	1	
Watertown (Conn.) public library.....		1
Webb, William Seward	1	
Wells, Mrs. T. B.	4	
Wesleyan university		1
Williams, J. F.		3
Wisconsin historical society.....		1
Worcester public library.....		1
World's Fair commission.....		9
Yale university		2
Y. P. S. C. E. society of Andrew church, year's subscription to 2 papers..		

TEXT OF ACT CREATING LIBRARY BOARD. 1885.

AN ACT TO AMEND THE CHARTER OF THE CITY OF MINNEAPOLIS

Be it Enacted by the Legislature of the State of Minnesota

SECTION 1. An act entitled "an act to amend and consolidate the charter of the city of Minneapolis," approved March 8, 1881, is hereby amended by adding to the end of such act the following: Chapter 12, section 1, thereof is hereby created and established in and for the city of Minneapolis a board which shall be styled the "Library board of the city of Minneapolis." said board shall have power to establish and maintain in the city of Minneapolis public libraries and reading rooms, galleries of art and museums for the use and benefit of the inhabitants of said city, and for the purpose of so doing it shall have the following powers, that is to say: It may adopt a common seal and be capable of suing and being sued and of taking by gift grant purchase devise bequeath or otherwise, any real or personal property and of suing, settling, controlling, conveying and engaging the same and of entering into making, performing and enforcing contracts. It may make and publish from time to time by laws for its own guidance rules and regulations for the government of its agents, servants and employees and for the government and regulation of the libraries and other collections under its control. It may hire or erect and maintain as it shall deem best, buildings suitable for the purpose contemplated by this act, but it shall never erect any buildings upon land to which it has not the title in fee simple. It may appoint all necessary agents and employees, fix their compensation, and may remove such appointees. It shall have the expenditure of all moneys collected by taxation or otherwise and placed to the credit of the library fund, and shall, in addition to the herein enumerated powers, have full powers and authority to undertake and perform every act necessary or proper to carry out the spirit and intent of this act.

SEC. 2. Said library board shall consist of the mayor of the city of Minneapolis, the president of the board of education of the city of Minneapolis, the president of the university of the state of Minnesota, who shall respectively be members *ex officio* thereof, and six other members who shall be elected from time to time, as herein provided, by the legal voters of the city of Minneapolis, and who shall be resident and qualified electors of said city.

At the annual city election to be held on the first Tuesday of April 1886, there shall be elected two library directors for the term of six years, and thereafter there shall every second year be elected two library directors for the term of six years from the third Tuesday in April after their election. In case any library director shall die, resign, remove from the district or otherwise vacate his office for more than one year before the expiration of his term of office, a library director may be chosen at the annual election after such vacancy shall occur to fill the place for the unexpired term of the director so vacating.

SEC. 3. All elections for library directors shall be at the annual city election and as a part of such city election, and such library directors shall be voted for upon a separate ballot, and a separate ballot-box shall be provided at each precinct, which shall be kept by the judges to receive the ballots of such persons as are entitled to vote for such library directors. The judges of elections shall make returns of the votes cast for library directors, and the city council shall canvass the same as in the case of city officers. The city clerk shall forthwith notify the persons elected of their election, and in all matters not herein specially provided for, touching such election, the rules provided for the election of city officers of said city shall apply.

SEC. 4. Every library director, before he shall enter upon the duties of his office, shall take and subscribe in the office of the city clerk of said city, an oath or affirmation that he will support the constitution and laws of the state of Minnesota, and discharge the duties of his office to the best of his ability. The officers of the library board of the city of Minneapolis shall consist of a president and secretary, who shall be library directors. The city treasurer shall be treasurer of the board, and the comptroller shall perform such duties in connection therewith as are hereinafter prescribed. The secretary of the board and the city treasurer of the city of Minneapolis shall each, before entering upon the duties of his office, execute and deliver to the library board of the city of Minneapolis, a good and sufficient bond payable to the library board of the city of Minneapolis, in such sums as shall be fixed upon by the board, and with sureties who shall be freeholders of said city and shall be approved by the board, and who shall justify in the aggregate to double the amount of the bond, and thereon that the principal in the bond shall well and faithfully perform and discharge all the duties of his office and pay and turn over to his successor to whomsoever the board may direct, all moneys and every valuable thing which shall come into his hands by virtue of his office belonging to said board. Such bonds shall be filed for safe keeping with the city comptroller of the city of Minneapolis.

SEC. 5. The president or in his absence a president *pro tempore*, shall preside at all the meetings of the board and sign all orders on the treasurer for all moneys voted to be paid, and shall perform all duties necessary for the transaction of the business of

the board and which are usually performed by the president of a corporation. The secretary, or in his absence the secretary *pro tempore*, shall keep a full and fair record of all the proceedings of the board at its meetings, and shall draw and attest all orders drawn upon the treasurer, and keep a record thereof showing the date, numbers, amount, purpose for which drawn, and names and places of each order separately. All such orders shall be made payable to the order of the payer therein named, and shall not be paid without his indorsement, either personally or by his authorized agent or attorney. The secretary shall perform such other duties as are usually performed by such officer or as may be directed by the board, and shall draw no order on the treasurer except such as have been allowed by the board by a majority vote of all its members taken by ayes and nays, and entered on the record of the proceedings of the board. The city comptroller shall keep the regular books of account of the board, in which he shall enter all indebtedness of such board and which shall at all times show the precise financial condition of said board, the amount of bonds orders or other evidences of indebtedness outstanding and the redemption of the same when redeemed and shall countersign all bonds orders or other evidences of said board and keep an exact account thereof, showing to whom and for what purpose issued and the amount of each, and all moneys received or paid out by the city treasurer on account of said board. All claims allowed by the board shall be audited by the city comptroller. The city treasurer shall receive and safely keep all moneys of the board and pay the same out only upon orders signed by the president and attested by the secretary of the board and countersigned by the comptroller and endorsed by the payer, and shall keep full books, records and vouchers of all his transactions. He shall deposit the moneys of said board as the moneys of the city of Minneapolis in any bank which shall be designated by the city council of said city as depositories of funds of said city, and the funds, while on deposit in such bank shall, for all purposes connected with such deposit, be regarded as the money of the city of Minneapolis, and may be recovered as such by said city from said banks and the certificates of such banks upon the bonds said banks which shall execute to the said city, but when drawn or received from said banks shall be accounted for to its proper fund. And the treasurer shall have the same exemption respecting such funds deposited in such banks as in respect to other funds of said city. The secretary of the board is hereby forbidden from signing or issuing any orders upon the treasurer of said board, except when there is money in the hands of the treasurer to pay the same. The said board shall never issue any bonds or promissory notes, certificates of indebtedness or other obligation for the payment of money, except that the same shall be made to come due at a date not later than the first day of July the next ensuing, and then for no greater sum than can be paid when due out of the regular revenues of the board for the year in which such bond note certificate of indebtedness, or of other obligation indebtedness is issued.

Sec. 6. Said library board is hereby authorized and empowered to levy upon the taxable property of said city in each and every year such taxes as will raise sufficient sums of money as will be required during the succeeding year for the establishment, maintenance and government of the libraries and collections contemplated by this act, and for the payment of all other expenses properly incidental to the same, provided that the aggregate annual levy of such taxes shall never exceed in any one year one-half of one mill on the dollar upon the assessed valuation of said district. The board shall make a return of its annual levy of taxes on or before the first day of November of every year to the county auditor of the county of Hennepin, and such taxes shall be collected and the payment thereof enforced with and in like manner as state and county taxes are collected and the payment thereof enforced, and when collected, together with all costs, interest and penalties collected thereon to be paid over by the county treasurer to the city treasurer of the city of Minneapolis as often as said county treasurer is required to make settlement with the city treasurer in respect to city taxes. Provided, however, that if for any reason said board shall in any year fail to make return of its annual levy of taxes to the county auditor by the time herein specified, that in such case the rate of taxation determined and fixed by the board of tax levy of Hennepin county as the maximum rate which said library board shall levy for such year shall be taken to be the rate of taxation determined upon by said library board for such year, and the county auditor shall govern himself accordingly; and any taxes which shall hereafter be extended upon the tax list of Hennepin county by the county auditor of said county based upon the action of the board of tax levy said library board having for any reason failed to make a return as herein provided, shall be and remain legal and valid.

Sec. 7. Said library board may purchase real estate for the purposes contemplated by this act whenever six library directors shall vote to make such purchase, and the board may also sell and convey any of its real estate, but only when five of the library directors shall vote to make such sale. In the case of sale of real estate by the board the deed of conveyance thereof may be executed by the president and secretary officially having the seal of the board affixed thereto. All votes under this section shall be by ayes and nays, and recorded in the record of the proceedings of the board. Any person desiring to make donations of money, personal property or real estate for any of the purposes herein contemplated shall have the right to vest the title to the money property or real estate so donated in the board of directors created under this act, to be held and controlled by such board when accepted, according to the terms of the deed, gift, devise or bequest of such property, and as to such property, the board shall be held and considered to be special trustees.

Sec. 8. The annual meeting of the board for the election of officers for the year shall always be on the third Tuesday of April, at such hour and place as the board may, by its rules, adopt for its regular meetings. But vacancies may be filled whenever they shall happen during the year, and officers shall hold until their successors are elected and qualified, unless they cease to be eligible. The regular meetings of the board shall be fixed by its rules and by-laws. Special meetings may be called by the president or any two library directors by written notice, stating the time, place and object of the meeting to be served personally or by mail at least twenty-four hours before such meeting. But when a majority of all the directors are present at

any meeting the same shall be a legal meeting at which any business which could come before a regular meeting may be transacted, irrespective of whether any legal notice was given of such meeting or not.

SEC. 9. Said library board may enter into association with any independent society or other organization owning libraries or museums, or existing for purposes kindred to those contemplated in this act, upon such terms and conditions as shall best promote the object for which said board is created.

SEC. 10. All libraries and museums established under this act, and so far as consistent with the preceding sections, all collections in any manner under the charge of the library board herein established, shall be forever free to the inhabitants of the city of Minneapolis, always subject, however, to such reasonable rules and regulations as shall be necessary for their effective administration.

SEC. 11. That Thomas Lowry, M. B. Koon, John B. Atwater, Sven Oftedal, T. B. Walker, E. M. Johnson, together with the mayor of the city, ex-officio, the president of the board of education of the city, ex-officio, the president of the university of the state of Minnesota, ex-officio, are hereby appointed and constituted the first directors of the library board of the city of Minneapolis, and the six first above named shall be the elective members of said board, and shall hold office, two for one year, two for three years, and two for five years from the third Tuesday of April next following the passage of this act; and at their first regular meeting shall cast lots for such respective terms. The library board herein appointed shall meet at the office of the city clerk of the city of Minneapolis, on Saturday, the 21st day of March, 1885, or as soon thereafter as practicable, and may then and there effect a temporary organization and attend to the transaction of any business.

SEC. 12. This act shall take effect and be in force from and after its passage.

Approved the 2d day of March, 1885.

TEXT OF CONTRACT BETWEEN THE LIBRARY BOARD AND
THE MINNEAPOLIS ATHENÆUM,
1885.

Whereas, The Library board of the city of Minneapolis is about to erect a library building in the city of Minneapolis in accordance with the provisions of the act of the legislature of the state of Minnesota creating said library board (which said act was approved March 20 A. D. 1885), and for the purpose in said act prescribed, and

Whereas, The said library board is desirous of furnishing the people of Minneapolis with a public library as soon as practicable, and

Whereas, The Minneapolis Athenæum, a corporation duly organized and created under the laws of the state of Minnesota owns a large and valuable miscellaneous library, and

Whereas, The building now occupied by the said Minneapolis Athenæum is too small for the convenient arrangement and management of said library and therefore the said library is not accomplishing in the community all that the members of the said Athenæum desire it to do, and

Whereas, The funds and resources of the said Minneapolis Athenæum are not sufficient to provide suitable room and accommodations for said library.

Now therefore, This contract made this first day of September, A. D. 1885, between the said "The Minneapolis Athenæum," a corporation party of the first part and the said "Library board of the city of Minneapolis," party of the second part witnesseth, that the said parties hereto in consideration of the mutual promises and engagements hereinafter contained, and in consideration of the sum of one dollar paid by each to the other the receipt whereof is hereby acknowledged do mutually covenant and agree together as follows, to wit:

First. That upon the completion of a suitable library building to be erected by said second party in said city of Minneapolis (which said building is to be erected and made ready for occupancy as soon as practicable) the said first party will remove thereto its entire library including all books pamphlets periodicals maps charts and all its library property of every name and nature, and that said library shall remain in said building and under the general care and supervision of said second party during the continuance of this contract, and that during said time all books, periodicals and other library property which may be acquired by the said Minneapolis Athenæum, by purchase or otherwise, shall remain and be kept in the said library building and under the general management of the said library board of the city of Minneapolis.

Second. That the said library shall be forever free to the inhabitants of the city of Minneapolis, always subject, however, to such reasonable rules and regulations as shall be necessary for its effective administration.

Third. That the said first party will subscribe and pay to the building fund of the said second party the sum of eight thousand dollars (\$8,000), which said sum is to apply on the general subscription contemplated in section 307 of the act approved February 28, A. D. 1885, authorizing the city of Minneapolis to issue bonds for the benefit of the said library board.

Fourth. That upon the completion of said library building the said second party will at all times during the continuance of this contract provide and furnish therein, for the said first party, sufficient room or rooms, well lighted and heated, and furnished with shelves and all other appurtenances for the ample and convenient arrangement and use of the aforesaid library of first party, and that said second party will also provide and furnish for the use of said first party, a suitable room in said building for the purpose of holding the meetings of the shareholders of the said Minneapolis Athenæum, and of the board of directors and of the other officers thereof, and that the above mentioned room or rooms, and all the privileges of said building herein granted to the said first party, shall be provided by said second party without any charges for the rent and use thereof, and that the said first party shall at no time be put to any charge or expense for the furnishing, lighting, heating, ventilation or repairs of said library building nor any part thereof.

Fifth. That the board of directors of the said Minneapolis Athenæum shall have the right to appoint subject to the approval of the second party one assistant librarian, who shall have special supervision and care of the said property of the Minneapolis Athenæum and that the duties of the said assistant librarian in his relation to the said Minneapolis Athenæum shall be such as the board of directors of the said Athenæum shall prescribe.

Sixth. That the party of the first part herein shall retain its title to and property in all the books and other library property which may be placed in charge of the said library board, by virtue of this contract or otherwise. That all said books shall be kept apart and separate from the books and property of the said library board and

from any other books whatsoever. That the books of the Minneapolis Athenæum shall be plainly and distinctly marked in such a manner as to distinguish them from all other books under the control of said library board. That the said books of the Minneapolis Athenæum shall be kept in good repair, shall be re-bound when necessary. when books are lost they shall be replaced; and whatever periodicals, magazines and unbound publications the Minneapolis Athenæum may have on hand or may hereafter acquire, shall be bound in some convenient form, and that reasonable care shall be taken of all the property of the Minneapolis Athenæum, which shall be placed in charge of the library board. And that during the continuance of this contract the said library board shall keep the said property of the Minneapolis Athenæum continually insured against loss by fire, in good and reliable companies, in the name and for the benefit of the first party in such sum as said first party or the board of directors thereof may determine, not exceeding the actual cash value of the said property.

Seventh. That the said party of the second part will bear all the expense of carrying out this contract; that it, the said second party, will pay:

1. For the removing the said library to the building above mentioned.
2. The expense of marking and cataloguing the same.
3. The salary of the assistant librarian provided for in this agreement.
4. All expenses incurred in carrying out the provisions of paragraph six herein. to-wit: Keeping said library in repair, re-binding and caring for books, replacing lost books, binding periodicals, magazines and unbound publications, all premiums for insuring said property, and in short, that it, the said second party, will pay all necessary and reasonable expense incurred in the proper care and management of the library of said party of the first part.

Eighth. That this contract shall take effect and be in force when it shall have been ratified and adopted by the said library board of the city of Minneapolis and by the said Minneapolis Athenæum, and shall continue and be in force for a period of ninety-nine years from the date of its said ratification.

ANNUAL REPORT

BOARD OF PARK COMMISSIONERS.

1891.

BOARD OF PARK COMMISSIONERS.

OFFICERS, 1891.

ANDREW C. HAUGAN,	-	-	-	-	-	President.
BALDWIN BROWN,	-	-	-	-	-	Vice President.
WALLACE G. NYE,	-	-	-	-	-	Secretary.
K. KORTGAARD,	-	-	-	-	-	Treasurer.
C. J. ROCKWOOD,	-	-	-	-	-	Attorney.
W. M. BERRY,	-	-	-	-	-	Superintendent.
F. H. NUTTER,	-	-	-	-	-	Engineer.

PARK COMMISSIONERS, 1891.

Terms Expiring 1893.

ALBERT E. ALLEN,	ZEPHERIN DEMEULES.
ALBERT J. BOARDMAN,	JAMES W. LAWRENCE.

Terms Expiring 1895.

WILLIAM W. FOLWELL.	JESSE E. NORTHRUP.
ANDREW C. HAUGAN.	J. ARTHUR RIDGWAY.

Terms Expiring 1897.

BALDWIN BROWN,	PATRICK RYAN,
HERMAN J. DAHN,	JACOB STOFT,

Ex-Officio.

PHILLIP B. WINSTON,
Mayor.

JAMES H. BRADISH,
Chairman Council Committee on Roads and Bridges.

SAMUEL B. LOYE,
Chairman Council Committee on Public Grounds and Buildings



Elliot Park.

NINTH ANNUAL REPORT
OF THE
BOARD OF PARK COMMISSIONERS.

ORGANIZATION.

At the annual meeting of the board, held January 17th, an organization was effected by the election of Hon. A. C. Haugan, vice-president, and W. G. Nye, secretary, the office of president being left temporarily vacant. At the regular meeting, February 7th, Hon. A. C. Haugan was chosen president, and Hon. Baldwin Brown, vice-president.

The vacant position on the board, caused by the death of Hon. E. M. Wilson, was filled April 25th, by the election of Jas. W. Lawrence, who immediately qualified as a commissioner.

ACQUISITIONS.

LYNDALE PARK

The need of additional land for the accommodation of the large number of people who frequent the beautiful shores of Lake Harriet was partially supplied through the generous gift of the Lakewood Cemetery Association of thirty-five acres on the north shore of the lake, which gift was duly mentioned in our last report. Toward the close of 1890, Col. Wm S. King offered to supplement this donation by deeding to the city thirty-five acres adjoining the land given by the Cemetery association on the east, and also the necessary land for the widening of Dupont avenue from Thirty-eighth street south to forty-sixth street and thence westerly to Lake Harriet boulevard, upon the following conditions, viz:

First, other lands owned by the donor should be exempted from assessments for the cost of the land or for its improvement to the amount of \$120,000, being a conservative estimate of the value of the land given.

Second, certain improvements, estimated by the superintendent of parks to cost \$42,000, should be made within five years from the date of the acceptance of the proposition, and a part of these improvements, which would approximate \$16,000, should be completed during the year 1891.

Third, the city should release the grantor from the condition of a bond given by him to the city, conditional upon his dedicating to the city for street purposes when he should plat the land, as great an area as was so dedicated when the land was platted as Remington park, 4th division.

Owing to the financial condition of the board, it was not possible to accept the gift involving as it did an immediate expenditure of \$16,000. Col. King then generously extended the time in which this requirement of the deed should be fulfilled, for one year, and the board thereupon ac-

cepted the deed. The land thus secured, in connection with that given by the Cemetery association, is according to a condition of the deed to be forever known as Lyndale park. Topographically it is superbly adapted for park purposes and, aside from the construction of necessary driveways, needs but little improvement to make it serviceable. Under the terms of the acceptance of the land, the improvement must be commenced in the spring of 1892, the driveways to be constructed and trees planted before the first day of June next.

POWDERHORN LAKE PARK.

The acquisition of the land designated for the enlargement of Powderhorn Lake Park was begun early in the year, the work being prosecuted, subject to the approval of the board, by a special committee consisting of Commissioners A. E. Allen, J. Stoff and A. J. Boardman. Through the persistent efforts of this committee, title to all the land necessary to extend the limits of the park on the west one block; on the south, one hundred feet and on the east one block, was acquired by the issuance of ten year certificates of indebtedness, excepting ten scattering lots and block two, Lawrence and Reeve's subdivision of Lawrence and Reeve's outlots. The certificates issued, including interest thereon, aggregated \$145,099.65. Condemnation proceedings were instituted to acquire title to the lots and block mentioned, the appraisers reporting awards amounting to \$22,100. From the awards but one appeal was taken and that is now pending in the courts. The area of this park was increased by these acquisitions to about sixty-two acres.

MINNEHAHA PARKWAY

Substantial progress has been made during the year in the direction of acquiring the land for a parkway to connect the lake system of parks and drives with Minnehaha Park by way of the valley of Minnehaha creek. So important was this project considered that the matter of securing the right of way was intrusted to Commissioners J. A. Ridgway, J. H. Bradish and H. J. Dahn, as a special committee of the Board. Under the direction of this committee a plat of the proposed parkway was prepared, showing land desired, and a tender of deeds from the owners was invited. The area proposed to be taken, from the eastern terminus of the portion secured during 1889 and 1890 at Lyndale avenue, to Minnehaha Park, is one hundred and twenty-nine acres. Of this area deeds covering thirty-six acres have been placed in the hands of the committee and owners of sixty-seven additional acres have promised deeds as soon as the success of the project is assured. The whole area has been designated by the Board and condemnation proceedings have been instituted for the acquisition of such portions as cannot be otherwise obtained. The parkway as projected and partially secured connects with Lake Harriet Boulevard at forty-eighth street, extends easterly to Humboldt avenue, thence south on that avenue, which has been widened to one hundred and ninety-five feet, to Fiftieth street. From Fiftieth street southeasterly to Lyndale avenue the whole valley of the creek and sufficient high land for a driveway on either side is included within the parkway, and this same plan has been followed in defining its limits from Lyndale avenue easterly to near Cedar avenue where it intersects the line of Forty-eighth street which it follows to Thirty-ninth avenue south at a uniform width of two hundred feet. From this



Skating on the Powderhorn Park Lake.

point the northerly boundary line is extended directly east to Minnehaha avenue, while the southerly line follows Thirty-ninth avenue south and Forty-ninth street to a connection with the same avenue. The whole area of this magnificent parkway is one hundred and sixty-nine acres and its length five and one third miles; at no point, except at Humboldt avenue, is it less than two hundred feet wide and at many places it has a width of from six to eight hundred feet.

Nearly five-sixths of this area has already been acquired at a cost of less than twenty thousand dollars and the acquisition of the remainder may entail about the same additional expenditure, all of which will, however, be collected from property lying contiguous to the parkway and benefited thereby. The importance of this improvement does not consist alone in the fact that it forms a connection between the lakes and Minnehaha; its great width and its natural picturesqueness make it, in fact, a longitudinal park more generally accessible to the people than the same area would be lying more compactly. It may now be reached by either the Minnehaha avenue or Nicollet avenue lines of street railway, and the Cedar, Bloomington, Chicago and Bryant avenue lines will, when extended, intersect it.

CEDAR AVENUE TRIANGLE.

In response to a petition from owners of surrounding property, fractional block, 38, Atwater's addition, was purchased for \$2,394 to be paid for in ten annual payments. The block, triangular in shape, is bounded by Cedar avenue, Seventh street and Eighteenth avenue south.

DEAN BOULEVARD.

In 1887 Joseph Dean and others conveyed to the city a tract of land for a parkway varying in width from 100 to 200 feet and extending from the west side of the Lake of the Isles at a point nearly opposite 26th street, in a westerly and southerly direction to the northern shore of Lake Calhoun, and thence easterly along said shore line a distance of 1200 feet, upon condition that a driveway should be opened the whole length of the parkway prior to October 1st, 1887. This condition has never been complied with because of the many more urgent calls for the expenditure of park funds in other directions. In August last representatives of the grantors called the attention of the board to the nonfulfillment of the condition named, and proposed to extend the time for compliance therewith to July 1st, 1892, and to add to the original grant a sufficient amount of high land along the sides of the tract upon which to construct a driveway. This proposition was accepted by the board and the work engaged to be performed will be begun early the coming season.

The city now owns 1,232 acres of park area with connecting and encircling driveways aggregating 18 miles in length.

The respective areas of the various park properties are given below:

	Acres.
Barnes Place.....	1.33
Dean Boulevard.....	25.
Elliott Park.....	4.
Fairview Park	20.52
Franklin Steele Square.....	1.54
Forest Heights Square.....	4.
Glenwood Park.....	64.
Interlachen.....	24.
Kenwood Parkway.....	30.
Lake Harriet Boulevard.....	415.
Lake Calhoun.....	17.

	Acres.
Lake of the Isles.....	161.
Lyndale Park.....	72.
Lovell Square.....	3.67
Loring Park.....	36.
Minnehaha Park.....	123.
Minnehaha Parkway.....	76.
Murphy Square.....	3.33
Moulton Tract.....	10.
Oak Lake Parks.....	4.
Powderhorn Lake Park.....	61.50
Riverside Park.....	19.90
Second Ward Park.....	9.
Stinson Boulevard.....	25.
Wilson Park.....	1.13
Washburn Park.....	10.08
Small squares and lots.....	10.

IMPROVEMENTS.

The work of construction for the year has been somewhat lessened by the lack of funds, only \$20,263.08 being expended in permanent improvements aside from that expended upon Hennepin avenue boulevard. The character and location of the various improvements are herewith given.

HENNEPIN AVENUE.

Extensive changes were made necessary upon Hennepin avenue boulevard by reason of the occupation of a portion thereof by the Minneapolis Street Railway Co. for an electric car line under the ordinance of the board passed August 5, 1890, conferring that privilege upon certain conditions, one of which required the payment by the company of \$25,000 into the city park fund. This condition was complied with early in the season and the work of improvement begun. With the consent of the board the city council lowered the grade at Summit avenue nearly seven feet with a comparative change along the boulevard from Groveland avenue to Twenty-second street. The sidewalk space was set back to the line of the lots fronting the avenue, all of the trees being removed, one row being replanted between the sidewalk and curb and the remainder transplanted in other parks or sold to citizens, and artificial stone curbing was constructed along both sides of the avenue from Groveland avenue to Lake street. The driveways were rebuilt, the gravel being first removed and replaced upon a foundation of limestone. In compliance with the conditions of the ordinance before mentioned, the railway company laid their tracks upon a strip fourteen and one-half feet wide in the center of the boulevard, which strip was, at the expense of the company, covered with loam, seeded, and inclosed with artificial curbing. The total cost to the board of these changes and improvements was \$21,662.73 and there was placed to the credit of Hennepin avenue on account of trees removed and sold, \$2,410.

LORING PARK.

Early in the spring the sum of \$2,000 was appropriated for the improvement of the addition to this park acquired in 1890. A driveway was constructed connecting Willow street with West Fifteenth street across park property, a portion of the land was graded and seeded, and 92 trees, removed from Hennepin avenue, were planted along the new driveway. The appropriation was insufficient to complete the improvement and work was therefore suspended. The widening of Hennepin avenue opposite the park, which was consented to by the board, took a strip of land fourteen feet wide from the park from Harmon place to Oak Grove street, and necessitated the removal of 23 trees, which were replanted at the Moulton tract.

Central Park.



LAKE HARRIET.

A new and very picturesque driveway, called Kings Lane, was constructed along the high bank on the east side of the lake, at a cost of \$1,000, and a short connecting road was opened near the pavilion. Upon the destruction by fire of the pavilion owned and operated by the street railway company, and located upon its land, permission was granted to the company to construct a new building upon park property, near the water's edge. The property upon which the old building was situated was improved by the board and served to widen the concourse between the car line and the lake. A water tank was also constructed, for which the railway company furnishes the power, of sufficient capacity to provide water for sprinkling purposes and for use at the pavilion.

LAKE CALHOUN.

A bath house for ladies was constructed at a cost of \$449.50. 6,000 cubic yards of earth, excavated in lowering Thirty-sixth street, was purchased from the Thirteenth ward street fund and used in widening the driveway opposite Lakewood cemetery, at which point a watering fountain has been erected.

LOVELL SQUARE.

This park was further improved by the planting of trees and shrubs, the laying out and graveling of walks, and the laying of water pipes

LYNDALE AVENUE.

That portion of the roadway from Plymouth avenue to Twentieth avenue north was completed by the addition of a six-inch top dressing of crushed limestone. The total amount expended upon this parkway was \$6,038.34, which amount includes an item of \$1,777.95 paid for stone used in 1890. This improvement was made upon the supposition that the avenue would not be disturbed for a number of years, but unfortunately this supposition was ill founded, as the city council has ordered, for next season, the construction of a sewer along that portion of the avenue this year improved by the board.

MOULTON TRACT.

This park of ten acres, situated in the Ninth ward, was purchased in 1887, and has since been of some service without improvement, as it was formerly a portion of a nursery and was therefore well covered with trees and shrubs. Through neglect, however, the trees were crowding each other, and this season they were thinned out, many being transplanted to portions of the park where needed, and the whole area was graded and improved after a plan prepared by H. W. S. Cleveland.

In addition to the improvements detailed above, iron railings were constructed along the edge of the bluffs at Minnehaha and Riverside parks; Murphy Square was inclosed by an iron fence of pleasing design; the lake in Second ward park was drained and the basin thoroughly lined with puddled clay; the triangle at Fifth street and Eleventh avenue north was graded, seeded and inclosed with an iron fence, as was also the Cedar avenue triangle; and Glenwood park was partially improved by the cutting out of dead timber and underbrush.

TREE PLANTING.

The board has caused to be planted and cared for during the year, 195 trees along Pillsbury avenue, from 26th to 32d streets and 18 on the west side of First avenue south from 32d to 33d streets, the cost of which, together with the estimated cost of their care for three years, was assessed upon abutting property. In the same manner, and at request of property owners, 18 trees were transplanted from Hennepin avenue to Chestnut avenue and an assessment of ten dollars for each tree was levied against abutting property.

THE PEAVEY FOUNTAIN.

The board received substantial encouragement in the direction of adorning and beautifying the parks by a gift from Mr. Frank H. Peavey, of a granite fountain, a view of which forms one of the engravings accompanying this report. The presentation was announced in the following communication received September 16th.

To the Honorable Board of Park Commissioners:

GENTLEMEN: I have erected a fountain at the intersection of the Kenwood parkway and the Lake of the Isles drive, and take this opportunity, with great pleasure, in presenting the same to your Commission.

I trust you will be able to prosecute as fast as is practicable the good work you have so well begun, and of which every citizen of our beautiful city is justly proud.

Very respectfully,

FRANK H. PEAVEY

The board acknowledged the gift and expressed its thanks therefor in the following resolutions which have been suitably ornamented and bound and presented to Mr. Peavey.

WHEREAS, Our fellow citizen, Mr. Frank H. Peavey, has erected at the intersection of the Lake of the Isles drive and Kenwood Parkway a fountain in granite, tasteful in design and useful in character, and forming a highly ornamental feature of the park system in that quarter.

Therefore, Resolved. That the Board of Park Commissioners do hereby, on behalf of the City of Minneapolis, accept the gift of Mr. Peavey.

That in hereby returning their thanks as an official board, the Commission feels itself justified in assuring Mr. Peavey that the whole body of citizens heartily unites with them.

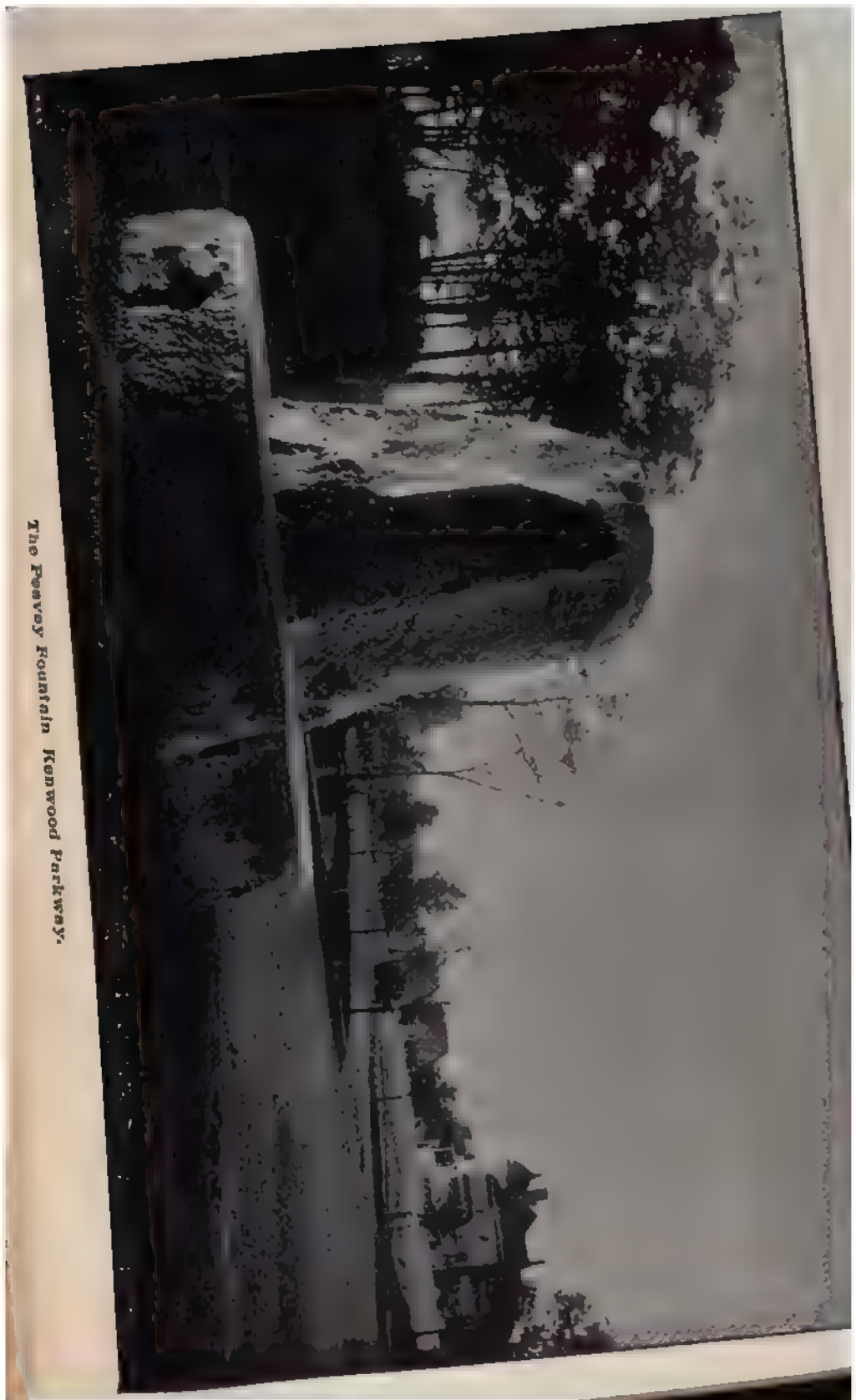
That the Board beg leave to congratulate Mr. Peavey in being the pioneer benefactor in this particular and most appropriate line of park decoration.

That this Board hereby expresses the hope that this fountain may not only long endure to serve the beneficent purpose for which it was erected, but may stand as a constant memorial of the generosity of the donor to the city in which he is so highly esteemed.

MAINTENANCE.

The parks have been maintained in their usual condition at a cost of \$41,389.25, an increase of \$12,471.06 over the cost of maintenance for 1890. This is partially due to an increased area of improved parks, but about \$4,500 of the increase is due to the claims for maintenance in 1890, which were, owing to a scarcity of funds, paid from the resources of 1891. A force of seventeen park police was employed during the summer season, being distributed as follows: Loring park, Minnehaha park and Lake Harriet each three; Hennepin avenue two; Lake Calhoun, Lake of the Isles and Kenwood parkways and Farview, Elliot and Riverside parks

The Feevey Fountain Kenwood Parkway.





Winter Scene-Loring Park.

one each. A larger display of flowers was made in the parks than during 1890, Farview and Second Ward parks being for the first time beautified in that way. An appropriation of \$300 was made in October to be used in covering the park lawns and parkway planting spaces with manure or some fertilizing compound, and this was done during November and December.

WINTER SPORTS.

During the winter months of the year the board has provided skating rinks in various sections of the city which have been frequented by large numbers, it being not an unusual sight to see 5,000 people upon the lake at Loring park. The board is now operating five rinks, Loring, Elliot, Powderhorn, Second and Third Ward, all of which are located upon park property except that in the Third ward. At these rinks, suitable buildings have been constructed and are kept warm for the use of skaters, while at Loring park a revenue is derived from the renting of skates and sale of straps.

MISCELLANEOUS.

The boating privilege at Lake Calhoun was sold for the season for \$400, and was operated by the purchaser to the satisfaction of the public.

At Lake Harriet the boating privilege was operated again by the board, the total receipts for the season aggregating \$5,131.77, and the expenses of management were \$1,944.15, giving a net income from this source of \$3,187.62. Although forty new sixteen-foot boats were added to the fleet early in the spring, the summer has demonstrated that still more are necessary to enable the board to properly provide the service required by the many people who frequent this popular resort. Thirty-five boats stored in the pavilion were destroyed by fire, the loss being satisfactorily adjusted with the insurance companies for \$570. An Ohmer swan boat was purchased in July and operated during the remainder of the season upon the lake in Loring park; \$120.75 was derived from carrying passengers, which was just about sufficient to pay the expenses of its operation.

The following special assessments have been levied during the year

On account Powderhorn Lake park	.. .	\$180,048 65
On account Lyndale park	.. .	140,000 00
On account Cedar avenue triangle	.. .	2,364 00
Tree planting	.. .	1,245 00

On January 28th the board issued \$50,000 in 4 per cent bonds, none of which have been sold, though it now becomes necessary to dispose of a portion of them to provide funds for the payment of pending awards for lots condemned for Powderhorn lake park.

Two buildings situated in Loring park were sold to Henry Knight the consideration being the indorsement upon the board's note held by him of \$1,000.

New rules were adopted for the government of the board and its officers, the full text of which forms an appendix to this report.

FINANCIAL.

The secretary's financial report is herewith presented, showing in detail the receipts and expenditures for the year.

The present financial condition of the board is very gratifying. During 1890 the demands made upon the funds by a compliance with conditions

named in deeds conveying land to the city, necessitated the negotiation of loans aggregating \$53,112; a bill for trees and a claim for crushed limestone, both amounting to \$4,665.70 were by arrangement left for payment from the resources of 1891; the park fund showed an overdraft of \$4,943.56 on January 1st; while sundry claims for labor and material amounting to \$7,605.11, which had accumulated near the close of the year, were carried over to the present year. There was in fact a total indebtedness of \$70,326.37. All these claims have been promptly met and the only outstanding obligation at the present time is a note for \$15,000 negotiated to secure funds for the payment of interest on bonds due this day, while as an offset to this there is in cash on hand \$2,631.74.

The revenue for 1891 is therefore practically intact for meeting the the expenses of the year and prosecuting the work of improvement.

By order of the board :

A. C. HAUGAN, *President.*

W. G. NYE, *Secretary.*
Minneapolis, Jan. 1, 1892.

Second Ward Park.



SECRETARY'S FINANCIAL REPORT.

MINNEAPOLIS, Minn., January 1, 1892.

To the Honorable Board of Park Commissioners:

GENTLEMEN: I have the honor to submit the following statement of the account of this department with the city treasurer for the year 1891; also itemized statements of the receipts and expenditures as credited or debited to the various accounts upon the books of my office.

CITY TREASURER.

	Dr.		Cr.
To cash received—			
From taxes and assessments.....	\$197,705.56		
From Minneapolis Street Railway Co.....	25,000.00		
From temporary loans.....	58,098.91		
From boat rental.....	5,131.77		
From sale of privileges.....	1,270.00		
From sale of buildings.....	1,857.00		
From sale of trees.....	1,312.25		
From miscellaneous collections.....	861.50		
Total.....		\$291,234.99	
By cash paid—			
For overdraft, January 1, 1891.....	\$4,943.56		
For interest on bonds and loans.....	32,653.57		
For temporary loans.....	100,999.75		
For expenses and salaries.....	15,458.90		
For acquisition of land.....	44,575.48		
For improvements.....	41,925.81		
For maintenance.....	41,389.25		
For trees and shrubbery.....	1,008.05		
For trees and tree planting.....	3,590.75		
For tools and personal property.....	2,078.13		
Cash balance in park fund.....	2,631.74		
Total.....		\$291,234.99	

RECEIPTS ITEMIZED.

Hennepin county—		
Park tax, 1890, eight tenths mill.....	\$96,504.61	
Park tax, 1889, delinquent.....	3,757.56	
Park tax, 1888, and prior years.....	526.34	
Park assessments, 1890.....	84,273.32	
Park assessments, 1889.....	4,607.82	
Park assessments, 1888 and prior years.....	293.36	
Tree planting assessments.....	4,480.60	
Penalties and interest.....	3,261.91	\$197,705.56
Cedar Avenue Triangle—		
Sale of building.....		\$70.00
Fifth Street Triangle—		
Sale of building.....		50.00
Hennepin Avenue Boulevard—		
From Street Railway Co.....	\$25,000.00	
Sale of lawn grass.....	42.75	\$25,042.75
Kenwood Parkway—		
Collection on account of damage to tree.....		5.00
Loring Park—		
Sale of old iron.....	\$29.05	
Sale of privilege.....	20.00	\$49.05
Lake of the Isles—		
Sale of hay.....		25.00
Lake Harriet—		
Insurance on boats burned.....	\$500.00	
Boat rental.....	5,131.77	
Sale of privilege.....	100.00	\$5,801.77

Lake Calhoun—		
Sale of boating privilege, 1890-91..		\$800.00
Lyndale Avenue—		
Cost of repairing engine, returned.....	\$8.45	
Forfeit on plumbing permit.....	3.00	
		\$11.45
Minnehaha Park—		
Sale of privilege, 1890.....	\$350.00	
Sale of building	30.00	
		\$380.00
Minnehaha Parkway—		
Sale of hay		\$5.00
Powderhorn Lake Park—		
Sale of buildings.....	\$1,707.00	
Refunded on abstracts.....	8.45	
		\$1,715.45
Bills Payable—		
Loan, January 1, 1891.....	\$4,809.41	
Loan, January 12, 1891.....	5,000.00	
Loan, February 9, 1891	33,795.00	
Loan, December 14, 1891... ..	14,492.50	
		\$58,096.91
Miscellaneous collections—		
Sale of horse.....	\$40.00	
Sale of police cloth.....	112.35	
Sale of trees.....	1,312.25	
Interest refunded.....	12.45	
		\$1,477.05
Total receipts.....		\$201,234.99

EXPENDITURES ITEMIZED.

FOR ACQUISITION OF LAND.

Cedar Avenue Triangle—		
Engineering.....	\$21.49	
Cost of assessment.....	81.63	
		\$103.12
Dean Boulevard—		
Engineering.....		\$76.82
East River Boulevard—		
Engineering.....	\$41.30	
Redemption of lots from tax sale.....	17.30	
		\$58.60
Fifth Street Triangle—		
Payment of coupon No. 1 on certificate of indebtedness.....	\$346.20	
Engineering.....	11.93	
Cost of assessment....	42.93	
		\$401.06
Glenwood Park—		
Payment coupon No. 2 on certificates of indebtedness.....		\$10,000.00
Interlaken—		
Payment coupons No. 1 on certificates of indebtedness.....	\$11,300.00	
Engineering.....	36.37	
Cost of assessment.....	433.77	
		\$11,770.14
Loring Park—		
Payment coupons No. 1 on certificates of indebtedness.....	\$10,500.00	
Court fees and abstracts.....	38.17	
Cost of assessment.....	347.70	
Interest on notes.....	859.21	
		\$11,745.08
Lyndale park—		
Engineering.....	\$45.00	
Taxes and abstracts.....	616.13	
Cost of assessment.....	356.94	
		\$1,018.07
Minnehaha Park—		
Legal service, contesting title.....		\$300.00
Minnehaha Parkway—		
Engineering.....	\$42.12	
Cost of assessment.....	321.10	
		\$363.22
Powderhorn Lake Park—		
Engineering.....	\$64.01	
Abstracts and recording.....	111.38	
Cost of appraisement.....	89.17	
Cost of assessment.....	947.96	
		\$1,232.52
Second Ward Park—		
Payment coupons No. 1 on certificates of indebtedness... ..		\$7,500.00
Thirty-fourth Street Boulevard—		
Court fees, sale of lot.....		\$6.85
Total.....		\$44,575.48

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FOR IMPROVEMENTS.

Hennepin Avenue Boulevard—		
Labor.....	\$15,234.00	
Engineering.....	370.57	
Curbing.....	5,803.32	
Plumbing.....	144.00	
Lawn grass.....	105.84	
	<hr/>	\$21,662.73
Loring Park—		
Labor.....	\$1,823.14	
Engineering.....	112.80	
Material.....	169.08	
Swan boat.....	254.00	
	<hr/>	\$2,359.00
Lake Harriet—		
Labor.....	\$2,478.95	
Engineering.....	54.26	
Lumber.....	105.00	
Foundation for water tank.....	128.05	
Painting water tank.....	22.00	
	<hr/>	\$2,786.26
Lake Calhoun—		
Construction of bath house.....	\$449.50	
Earth filling at 36th street.....	300.00	
	<hr/>	\$749.50
Lovell Square—		
Labor.....	\$168.13	
Engineering.....	59.07	
Plumbing.....	171.38	
Lawn grass.....	39.75	
	<hr/>	\$438.33
Lyndale Avenue—		
Labor and material.....	\$3,627.87	
Stone used in 1890.....	1,777.95	
Engineering.....	83.49	
Coal and lumber.....	549.03	
	<hr/>	\$6,038.34
Minnehaha Park—		
Iron railings.....	\$456.40	
Lumber for closets.....	504.34	
	<hr/>	\$960.74
Moulton Tract—		
Labor.....	\$2,183.08	
Plan.....	150.00	
Engineering.....	61.13	
Lumber and lawn grass.....	64.97	
	<hr/>	\$2,440.08
Oak Lake Park—		
Labor.....		\$60.50
Riverside Park—		
Labor, planting.....	\$773.75	
Iron railings.....	155.40	
	<hr/>	\$929.15
Second Ward Park—		
Labor and clay.....	\$ 3,175.98	
Engineering.....	14.93	
Plumbing.....	69.52	
	<hr/>	\$3,260.43
Stinson Boulevard—		
Labor.....	\$221.75	
Engineering.....	10.00	
	<hr/>	\$231.75
Total.....		<hr/> \$41,925.81

FOR MAINTENANCE.

Barnes Place—		
Labor.....		\$62.20
Clifton Avenue Triangle—		
Labor.....	\$27.27	
Flowers.....	17.08	
	<hr/>	\$44.35
Elliot Park—		
Labor.....	\$717.20	
Police.....	361.00	
Lighting.....	31.74	
Plumbing.....	13.50	
Flowers.....	100.95	
	<hr/>	\$1,224.39
Franklin Steele Square—		
Labor.....	\$368.95	
Plumbing.....	3.50	
Flowers.....	\$142.01	
	<hr/>	\$514.46

Fairview Park—		
Labor.....	\$1,207.46	
Police.....	414.34	
Plumbing and hose.....	69.21	
Lighting.....	99.17	
Flowers.....	62.04	
	<hr/>	\$1,942.22
Glenwood Park—		
Labor.....	\$292.50	
Engineering.....	80.68	
Lumber.....	42.11	
	<hr/>	\$415.29
Hennepin Avenue Boulevard—		
Labor.....	\$ 714.96	
Police.....	1,061.75	
	<hr/>	\$1,776.71
Kenwood Parkway—		
Labor.....	\$3,168.32	
Police.....	633.68	
Engineering.....	36.48	
Foundation for fountain	193.00	
Flowers	79.50	
	<hr/>	\$4,110.98
Loring Park—		
Labor.....	\$3,996.18	
Police.	1,210.50	
Lighting.....	589.90	
Feed.....	194.71	
Material.....	174.13	
Flowers.....	400.59	
	<hr/>	\$6,566.01
Lake of the Isles—		
Labor.....	\$1,629.77	
Police...	739.68	
Engineering...	17.00	
Trees and lawn grass.....	303.86	
	<hr/>	\$2,690.31
Lake Harriet—		
Labor.....	\$4,630.09	
Police	1,368.66	
Lumber.....	88.79	
Boatmen.....	1,808.35	
Repairs.....	135.80	
New boats.....	1,400.00	
	<hr/>	\$9,431.71
Lake Calhoun—		
Labor.....	\$1,118.35	
Police.....	510.00	
Engineering.....	10.83	
	<hr/>	\$1,639.18
Lovell Square—		
Labor.....		\$150.00
Lyndale Avenue—		
Labor, watering trees.....	\$203.50	
Labor, repairing walk.....	306.03	
Engineering.....	9.19	
Lumber.....	72.28	
	<hr/>	\$591.00
Minnehaha Park—		
Labor.....	\$1,194.18	
Police.....	1,413.68	
Engineering.....	22.68	
Repairing stone work.....	367.69	
Lumber.....	66.58	
	<hr/>	\$3,064.81
Minnehaha Parkway—		
Labor.....	\$784.30	
Engineering.....	14.00	
Lawn grass.....	28.50	
Lumber.....	25.04	
	<hr/>	\$849.84
Murphy Square—		
Labor.....	\$431.81	
Engineering.....	4.97	
Fence.....	620.51	
Flowers.....	29.53	
	<hr/>	\$1,086.82
Moulton Tract—		
Labor.....		\$820.15
Oak Lake Parks—		
Labor		\$168.00
Portland Avenue Triangle—		
Labor.....	\$10.00	
Flowers.....	11.25	
	<hr/>	\$21.25

PARK COMMISSIONERS REPORT.

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Powderhorn Lake Park—		
Labor, ice rink.....		\$100.40
Riverside Park—		
Labor.....	\$968.06	
Police.....	357.50	
Engineering.....	13.47	
Lighting.....	103.80	
Flowers.....	81.35	
		\$1,526.18
Second Ward Park—		
Labor ...	\$1,111.05	
Plumbing.....	42.25	
Flowers.....	103.42	
		\$1,256.72
Willow Park—		
Labor.....	\$183.05	
Flowers.....	91.38	
		\$274.43
Washburn Park—		
Labor.....	\$888.34	
Plumbing.....	5.25	
Tax rebated.....	18.50	
Flowers.....	149.75	
		\$1,061.84
Total.....		\$41,389.25

BILLS PAYABLE.

Payment of loans made 1890	\$55,999.75	
Payment of loan of Jan. 1, 1891.....	5,000.00	
Payment of loan of Jan. 12, 1891.....	5,000.00	
Payment of loan of Feb. 9, 1891.....	35,000.00	
		\$100,999.75

TOOLS AND PERSONAL PROPERTY.

Desk and office furniture.....	\$357.25	
Hammocks.....	50 85	
Water boxes and hose.....	671 38	
Safe	38.50	
Lawn mowers.....	102 00	
Small tools and repairs.....	858.15	
		\$2,078.13

TREES AND SHRUBBERY.

Purchase of trees..	\$1,008.05
---------------------------	------------

TREE PLANTING ACCOUNTS.

Chestnut avenue, planting.....	\$219.76	
Dupont avenue, care.....	345.55	
First avenue south, planting.....	90.68	
Kenwood addition, care.....	145.87	
Portland avenue, care.....	107.47	
Pillsbury avenue, planting.....	\$1,015.95	
Second ward, care.....	\$1,657.47	
		\$3,500.75

MISCELLANEOUS EXPENDITURES.

Interest	\$32,633.57	
Books and auditing.....	100.00	
County auditor's services	323.22	
Salaries.....	5,633.37	
Office rent....	700.00	
Board of horses.....	436 50	
Care of ice rinks, 1889 and 1890.....	4,087.42	
Tool yard.....	648.08	
Printing and stationery.....	1,828.79	
Material not chargeable to any park.....	1,730.60	
Police cloth.....	174.92	
		\$48,092.47

CITY TREASURER.

Return of overdraft.....	\$4,943.56
Total expenditures.....	288,603.25
Cash in treasury Jan. 1, 1892.....	2,631.74

Respectfully submitted,
W. G. NYE, Secretary.

**RULES OF THE BOARD OF PARK COMMISSIONERS OF THE CITY
OF MINNEAPOLIS.**

MEETINGS.

SECTION 1. Regular meetings of the board shall be held at its office at 2 o'clock P. M., on the first and third Monday in each month, from April to October inclusive, and on the first Monday in each month from November to March inclusive.

SEC. 2. Special meetings may be called by the president whenever he deems the same expedient; and shall be so called whenever three commissioners shall request the same in writing.

SEC. 3. The board may adjourn from time to time, absentees being notified thereof, and in case there shall be no quorum present on the day fixed for a regular, adjourned, or special meeting, the commissioners present may adjourn from time to time, until a quorum be obtained; or may adjourn said meeting *sine die*.

SEC. 4. Each commissioner shall be notified, at least two days previous to any special meeting, of the time, place and purpose of the same.

Said notice shall be given by the secretary, and shall be in writing and served personally, or deposited in the postoffice, at least two days before the day appointed for holding such meeting.

CONDUCT OF BUSINESS.

SEC. 5. No business shall be transacted at any special meeting other than that named in the call therefor; except by consent of two-thirds of the entire board (or unanimous consent if less than two-thirds are present), in which event any measure adopted by a vote of the majority of the entire board shall have the same effect as if so adopted at a regular meeting; provided that a call for a special meeting "for the transaction of general business," shall be deemed to cover any and all business that might properly be transacted at a regular meeting.

SEC. 6. Meetings shall be called to order by the president, or, in his absence, by the vice-president.

In the absence of both, the secretary shall call the meeting to order, when those present may elect a president *pro tem*.

SEC. 7. The roll shall be called at the opening of each meeting, and a record made of the commissioners present or absent.

The minutes of previous meetings shall then be read for approval, and errors noted and corrected, after which the regular order of business shall be taken up;

Provided, that the reading of the minutes may be laid over to a subsequent time.

SEC. 8. The order of business, after roll call and approval of minutes, shall be as follows, unless otherwise ordered by the board:

1. Petitions and communications.
2. Presentation of claims.
3. Reports of officers.
4. Of standing committees.
5. Of special committee.
6. Unfinished business.
7. New business, motions, etc.
8. Adjournment.

SEC. 9. All reports shall be in writing; as shall also motions and resolutions, when it is desired that more than the substance thereof be entered on the minutes.

ELECTION OF OFFICERS.

SEC. 10. At the annual meeting in January of each year the board shall elect a president, vice-president, secretary, attorney, superintendent, and such other officers as it may deem necessary; but in case of failure to elect at the time specified the election shall take place at a subsequent meeting without delay.

The president, vice-president, secretary, attorney, and superintendent shall hold their respective offices until the next annual meeting after their election, and until their successors are elected and qualified.

They shall perform the duties devolving upon them by law, and such other duties as the board may prescribe, and their compensation shall be fixed by the board.

DUTIES OF PRESIDENT.

SEC. 11. The president shall perform the duties devolving upon him by law, and shall preserve order and decorum, and enforce the rules and regulations of the board.

He may present to the board such matters as, in his judgment require attention, and need not vacate his chair for that purpose unless proposing to discuss the same.

He shall direct the yeas and nays to be taken and entered on the record, on any question before the board, at the request of any commissioner.

Where the board has no established rule of parliamentary practice, the president shall be guided, as near as may be, by Roberts' Rules of Order.

The president shall exercise a general supervision over the business, papers and property of the board, and shall execute all bonds, deeds, contracts, or other instruments required or directed to be executed on behalf of the board, the same to be attested by the secretary.

DUTIES OF VICE-PRESIDENT.

SEC. 12. The vice-president shall act, in the absence of the president, at any meeting, and when the president is absent from the city, all the duties of his office or as a member of any committee of which he may be a member, shall temporarily devolve upon the vice-president, but he shall not sign park-bonds, incurring indebtedness, unless expressly authorized by the board.

DUTIES OF SECRETARY.

SEC. 13. The secretary shall perform the duties required by law, and all duties properly devolving upon such officer.

He shall have charge of and attend the office of the board when the board shall not be in session, as the board may from time to time direct.

He shall attend all meetings of the board, and of its committees, when required.

He shall keep a true and complete record of the proceedings of said board, and have charge of all books documents and papers which properly belong to his office.

He shall draw all orders on the city treasurer, payable out of the "City Park Fund," for all bills ordered paid by the board; which orders shall be signed by the president.

He shall keep, in proper form, books of account, showing the moneys received by and paid out of the "City Park Fund."

He shall cause all paid vouchers to be filed and properly preserved, and have custody of the corporate seal, attaching the same to all documents which require sealing.

He shall furnish any information attainable from the books of the board, at the request of any commissioner.

Upon receipt of the monthly payroll, he shall carefully compare the same with the foremens time books and data, submitted by the superintendent, and certify to the correctness of the entries and footings, and upon the approval thereof by the board or its finance committee he shall enter a true copy of the same as approved, in a suitable book, provided for that purpose.

He shall have the custody of a fund for the payment of discharged employees, as may be fixed by the board, to be called the "Labor Revolving Fund."

He shall attend to the payment of employees upon the work, when practicable, and shall take and file in his office laborer's receipts for amount paid them.

He shall at the first meeting of the board in each month report in writing the cash received by him during the preceding month from the sale of trees, the sale (or operation) of boating, skating, or refreshment privileges, or from any other source, specifying the source from which obtained, and shall pay the same to the treasurer to the credit of the city park fund, when ordered so to do by the board.

DUTIES OF ATTORNEY.

SEC. 14. The attorney shall attend all meetings of the board and of committees when required. He shall examine and report upon titles to lands purchased by the board, take charge of all cases in court in which the board may be interested and act as the legal adviser of the board.

DUTIES OF SUPERINTENDENT.

SEC. 15. The superintendent of parks shall have general charge thereof, and shall, except as otherwise expressly directed, act under the supervision of the board, and shall give his entire time and attention to the duties of the board.

As soon as practicable after the first of each month, he shall make out or cause to be made out, a monthly pay roll of park employees, certify to its correctness, and submit the same, together with the foremen's time books and all other data from which it is prepared, to the secretary.

When employees shall have been discharged, and hardship would otherwise ensue, he may give a time check for the amount due.

Discharged employees having such time checks, may, on presentation of the same to the secretary, be paid from the fund provided, the same being reimbursed at each settlement of the monthly pay roll.

He shall make a yearly inventory of property coming into his hands and account for all he may have received.

He shall be ex officio superintendent of park police and shall, unless otherwise ordered by the board, perform the duties of forester.

He shall make a report of progress to the committee on improvements for the information of the board at each regular meeting beginning with May and ending with November.

DUTIES OF COMMITTEES.

SEC. 16. Standing Committees shall be appointed at the annual meeting in each year, or as soon thereafter as may be, as follows:

- (1). On improvements.
- (2). On finance.
- (3). On judiciary.
- (4). On designation of grounds.
- (5). On employment and supplies.
- (6). On police.
- (7). On salaries.
- (8). On shore rights and privileges.
- (9). On entertainments and winter sports.
- (10.) On city forestry.

SEC. 17. Except as otherwise ordered by the board, committees shall consist of three members each, except the committee on improvements, which shall consist of five members.

The president shall appoint all committees, unless the board shall otherwise direct.

The board may at any time increase the number of members on any committee in such way as it may deem best.

SEC. 18. The first member named on a committee shall be the chairman thereof, unless the majority of the committee shall decide otherwise.

The chairman of a committee shall call the same together at such time and place as he may deem proper whenever there is any business requiring the attention of the committee.

SEC. 19. *Committee on Improvements.* The committee on improvements shall have general supervision of work ordered by the board.

They shall make monthly reports to the board, and recommend such improvements from time to time as they may deem advisable, together with the estimated cost thereof.

They shall present to the board for its consideration at the regular meeting in March of each year, or at the next succeeding meeting, an equitable apportionment of the amount available for improvements to the various parks and parkways.

In an emergency, the committee may act for the best interests of the board, without awaiting instructions, provided, that the cost of the work ordered shall not exceed the sum of one hundred dollars.

SEC. 20. *On Finance.* The committee on finance shall have general supervision of the finances of the board, examine and pass upon claims

before the same are allowed, but no claim shall be considered by them unless it shall have first been presented to the board, nor shall any claim be presented to the board which is not certified by the commissioner or officer ordering the material or labor charged for, unless the attention of the board is called to the fact that it is not so certified.

They shall estimate and present a rate of tax levy, cause the books of the Secretary to be audited annually, and pass upon financial reports of officers.

They shall present to the board at the regular meeting in February of each year, or at the next succeeding meeting, a financial exhibit which shall show in detail:

- 1st. The total estimated resources of the board for the current year, the source from which derived and the time when received by the board.
2. An estimate of the respective sums necessary to maintain and operate each park and parkway during the year and the times when needed, also the expenses of administration.
- 3d. A detailed estimate of all sums to be expended during such year according to the terms of any contract entered into by the board with former land owners or otherwise and the time when such expenditure will be necessary.
- 4th. The probable amount which will be available for improvements.

They may approve any pay-roll for park employes, pending a meeting of the board, whenever they shall deem the same advisable, in which event a warrant may be drawn therefor, and the facts subsequently reported to the board.

SEC. 21. *On Judiciary.* The committee on judiciary shall prepare such enactments that may be deemed proper, and if the same are approved by the board, cause the same to be presented to the legislature, for action thereon.

They shall prepare such rules and regulations, for the government of the board and its employes, and ordinances for the proper government and use of the parks and parkways, as may be deemed proper, submitting the same to the board for approval.

SEC. 22. *On Designation of Grounds.* The committee on designation of grounds shall examine and report upon all propositions for extensions of, or new parks or parkways, and take charge of the purchase and sale of lands for or by the board.

They shall, subject to the approval of the board, designate names for parks and pieces of land coming into the control of the board; and perform such other duties as may be proper.

SEC. 23. *On Employment and Supplies.* The committee on employment and supplies shall have general supervision of the hiring of employes, the purchase of supplies, printing of reports, etc., subject to the directions of the board.

SEC. 24. *On Police.* The committee on police shall have general supervision of the park police, shall make recommendations for appointment and shall see that all police regulations are enforced.

They may at any time suspend or discharge any park policeman and shall report thereon to the board at its next meeting.

SEC. 25. *On Salaries.* The committee on salaries shall submit to the board at the regular meeting in February each year (or at the next succeeding meeting) and at other times when necessary, a schedule of salaries to be paid the superintendent, secretary, attorney, park police, regular

park employes, and such other officers or employes as the board may require.

SEC. 26. *On Shore Rights and Privileges.* The committee on shore rights and privileges shall have general supervision of the use of shores for boating purposes, and of all buildings erected on any park or parkway by the board, or under its authority.

All matters relating to privileges for refreshment-stands, bathing-houses, boat-landings, etc., shall, subject to the approval of the board, be passed upon by said committee.

SEC. 27. *On Entertainments and Winter Sports.* The committee on entertainments and winter sports shall have general supervision over the use of park grounds for picnic purposes, band performances and fireworks displays; and they shall further supervise the use of said grounds for skating rinks, toboggan slides and speeding tracks, subject to the approval of the board.

SEC. 28. *On Forestry.* The committee on city forestry shall have general supervision of the purchase and sale of trees and shrubs, and shall examine and report upon all petitions for the planting of trees along any street or avenue.

SEC. 29. Nothing in the foregoing shall be construed as to waive the right of the board at any time to increase or curtail the duties of any committee, or to direct or control their actions.

SEC. 30. *Special Committees.* Special committees may at any time be appointed by the board, in such manner and for such purposes as may be deemed best.

ORDERS FOR SUPPLIES.

SEC. 31. Written orders, in duplicate, on blanks prepared for the purpose, shall be given for all supplies ordered for the board, the same to be signed by the officer ordering the same; which order shall accompany the claims for payment, when presented to the board, the duplicate to be returned to the secretary by the officer giving the order on the first of the next succeeding month.

SALE OF TREES.

SEC. 32. No trees, shrubs, or plants shall be sold to private parties, nor shall the same be planted by the board employes, unless payment therefor be made in advance, in such manner as the board may from time to time direct.

PAYMENT OF INTEREST.

SEC. 33. In event that, by reason of lack of quorum or any oversight, the board should neglect to provide for a warrant for funds for payment of interest, the proper officers shall draw such warrants, reporting the fact to the board at its next meeting.

SEC. 34. No commissioner or committee shall in any way bind the board to do or not to do any certain thing, unless expressly authorized so to do; and no such action shall in any way be recognized by the board, unless expressly ratified or approved.

BOND FOR CONTRACTOR,

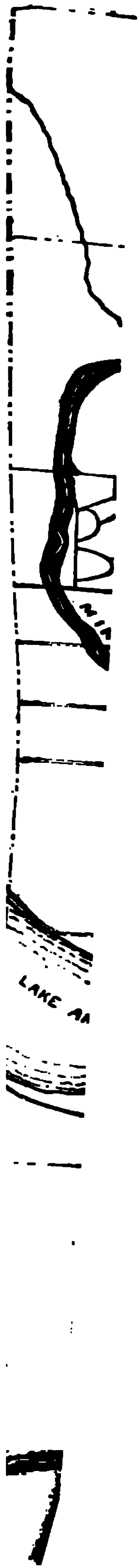
SEC. 35. No contract shall be awarded to any person for any construction or other work to be done in any park or parkway, where the contract

price exceeds one hundred dollars, and in which the materials and labor are in whole or in part to be furnished by others, unless a bond, conditioned, among other things, for the payment for such material and labor, shall be executed and approved, unless such bond is expressly waived by the board.

Said bond shall be in a sum double the amount to be paid on said contract, and shall be approved by the attorney of the board as to form, and by the president and chairman of the committee on finance as to the responsibility of sureties.

SEC. 38. These rules and regulations, or any of them, may be suspended by two-thirds vote at any regular meeting, and may be amended or repealed at any regular meeting, subsequent to the meeting when the same is proposed, by a vote of a majority of the entire board.

Passed January 4, 1892.



ANNUAL REPORT

Board of Court House and City
Hall Commissioners.

1891.

THE BOARD OF COURT HOUSE AND CITY HALL COMMISSIONERS.

WM. D. WASHBURN,
JOHN C. OSWALD,
OLIVER T. ERICKSON,
DAVID M. CLOUGH,
TITUS MARECK,
JOHN SWIFT,

JNO. DELAITTRE,
WM. S. CHOWEN,
LARS SWENSON,
GEORGE A. BRACKETT,
EDGAR F. COMSTOCK,
EDWARD M. JOHNSON.

OFFICERS OF THE BOARD FOR 1892.

DAVID M. CLOUGH,	-	-	-	-	-	-	President.
EDWARD M. JOHNSON,	-	-	-	-	-	-	Vice President.
LARS SWENSON,	-	-	-	-	-	-	Treasurer.
CHAS. P. PRESTON,	-	-	-	-	-	-	Secretary.

Offices: 542 Boston Block.

LONG & KEES, - - - - - Architects.

Offices: Kasota Block.

DANIEL FISH, - - - - - Attorney.

Office: Oneida Block.

O. T. ERICKSON, - - - Clerk of the Works.

Office at the Building.

REPORT OF THE SECRETARY
OF THE
BOARD OF COURT HOUSE AND CITY
HALL COMMISSIONERS.

To the Board of Court House and City Hall Commissioners:

GENTLEMEN:—I have the honor to submit herewith my report for the fiscal year ending December 31, 1891.

Respectfully,

CHAS. P. PRESTON, Secretary.

MINNEAPOLIS, MINN., Dec. 31, 1891.

RECEIPTS AND EXPENDITURES FOR THE YEAR 1891.

Receipts.

From sale of "City Series" bonds:		
Par value	\$250,000.00	
Accrued interest	1,775.35	\$251,775.35
From sale of "Country Series" bonds:		
Par value	125,000.00	
Premiums	1,167.00	
Accrued interest	1,873.54	128,040.54
Total receipts.		\$379,815.89
Balance in Treasury, Dec. 31, 1890.....		4,185.58
Total to be accounted for...		\$384,001.47

Expenditures.

Iron Work account:		
Paid Crown Iron Works Co.....		\$4,123.57
Granite, Cut Stone and Brick Work account:		
Paid Haglin & Morse		51,349.19
Floor Arches and Concreting account:		
Paid Pioneer Fire Proof Construction Co.....		43,549.28
James Baxter & Son contract:		
Paid James Baxter & Son.....		189,137.25
The Gillette-Herzog Manufacturing Co. contract:		
Paid Gillette-Herzog Manufacturing Co.....		8,018.75
Menzel & Ferguson Contract No. 1:		
Paid Menzel & Ferguson.....		22,472.28
Menzel & Ferguson Contract No. 2:		
Paid Menzel & Ferguson.....		3,820.95
Building account:		
Paid for labor at building, carpenter work, painting, etc... ..	\$1,404.99	
Paid for lumber for window frames, temporary stairway, etc.....	616.81	
Paid for raising iron	456.10	
Paid for hardware and tools.....	173.49	
Paid for paint.....	50.00	
		2,701.39
Architects Fees account:		
Paid Long & Kees.....		8,222.20
Interest account:		
Paid interest on borrowed money.....		401.39
Expense account:		
Paid salary of clerk of the works.....	1,800.00	
Paid salary of secretary.....	1,200.00	
Paid salary of attorney.....	500.08	
Paid office janitor.....	15.00	
Paid office rent	560.00	
Paid for engraving bonds.....	675.00	
Paid for delivering bonds in New York.....	114.87	
Paid gas bills.....	32.74	
Paid postage.....	5.50	
Paid telegrams.....	49.48	
Paid for advertising.....	48.95	
Paid for printing and stationery.....	48.44	
Paid for typewriting.....	31.25	
Paid safe deposit storage and box rent.....	30.00	
Paid telephone bills.....	15.00	
Paid for testing and repairing scales.....	8.40	
Paid for painting office building	9.00	
Paid for plumbing.....	5.11	
Paid expressage.....	1.25	
Paid for copy of act of legislature.....	1.10	
Paid expense of ceremony of laying of corner stone.....		
Carriage hire	\$49.50	
Erecting awning and stand.....	32.00	
Rent of chairs and tables.....	16.00	
Flag pole.....	2.00	
Dray.....	1.00	
	100.50	5,251.67
Total expenditures.....		\$339,647.92
Balance in treasury, December 31, 1891.....		44,953.55
Total accounted for.....		\$384,001.47

BONDS.

There remain unsold of the authorized issue of bonds:		
"City Series".....	\$50,000.00	
"County Series"	265,000.00	
		\$315,000.00

CONTRACTS UNCOMPLETED.

The following statement shows the amounts of all uncompleted contracts, the amounts paid thereon, and the balances which will be due contractors when their contracts are completed:

Haglin & Morse contract:		
Total amount of contract.....	\$249,292.96	
Less deductions made.....	4,368.44	
	<hr/>	
	\$244,924.52	
Amount paid on same.....	243,924.52	
	<hr/>	
Amount to be paid.....		\$1,000.00
Crown Iron Works Co. contract:		
Total amount of contract.....	\$64,791.66	
Less deductions made.....	3,632.41	
	<hr/>	
	\$61,159.25	
Amount paid on same.....	60,959.25	
	<hr/>	
Amount to be paid.....		200.00
Pioneer Fire Proof Construction Co. contract:		
Total amount of contract.....	\$76,179.68	
Amount paid on same	59,412.00	
	<hr/>	
Amount to be paid.....		16,767.68
James Baxter & Son contract:		
Total amount of contract.....	\$341,018.55	
Amount paid on same.....	189,137.25	
	<hr/>	
Amount to be paid.....		151,881.30
The Gillette-Herzog Manufacturing Co. contract:		
Total amount of contract.....	\$15,514.51	
Amount paid on same	8,018.75	
	<hr/>	
Amount to be paid		7,495.76
Menzel & Ferguson contract No 1:		
Total amount of contract... ..	\$26,818.00	
Amount paid on same.....	22,472.28	
	<hr/>	
Amount to be paid.....		4,345.72
Menzel & Ferguson contract No. 2:		
Total amount of contract.....	\$8,973.76	
Amount paid on same.....	3,820.95	
	<hr/>	
Amount to be paid.....		5,152.81
		<hr/>
Total amount due under all uncompleted contracts, when the same are completed.....		\$186,843.27

SUMMARY

Of the transactions of the board from its organization to December 31, 1891:

Total Receipts.

Total receipts from all sources.....	\$1,224,895.71
--------------------------------------	----------------

Total Expenditures.

For site, block 77.....	\$321,408.00	
For building	781,863.04	
For architects' fees.....	48,222.20	
For expense account.....	24,760.96	
For engineering	1,179.00	
For office furniture.....	1,720.59	
For fence at works.....	556.78	
For office building.....	107.93	
For water closet building.....	123.66	
	<hr/>	
Total expenditures.....	\$1,179,942.16	
Balance in treasury, December 31, 1891.....	44,953.55	\$1,224,895.71
	<hr/>	

THE LAYING OF THE CORNER STONE.

The corner stone of the building was laid by M. W. Grand Master Alphonso Barto, assisted by the Grand Lodge of Minnesota, A. F. and A. M., at three o'clock P. M., on Thursday, July 16, 1891.

The ceremony was attended by many of the Masonic bodies of this city and state. The Hon. W. B. Merriam, governor, the Hon. G. S. Ives, lieutenant governor, the Hon. Robert Smith, mayor of St. Paul and the members of the St. Paul board of aldermen and city council, were present at the ceremony as guests of the board.

In addition to the above guests, the board extended invitations to be present at the ceremony to the judges of the supreme court of Minnesota, all the state officers, the mayor and all Minneapolis city officers, the members of the city council of Minneapolis, the board of education, the board of park commissioners, the library board, the board of county commissioners of Hennepin county and all county officers, the judges of the district, probate and municipal courts, the chamber of commerce, the board of trade, the jobbers' association, the business mens' union, the builders' exchange, the Minneapolis bar association, the trades and labor assembly and the editors of all the Minneapolis and St. Paul daily newspapers.

The entire management of the ceremony was placed by the board in the hands of the Grand Lodge. The local committee representing the Masonic bodies, Messrs. Charles D. Boyce, J. H. Thompson and J. M. Williams arranged for a procession to the building under the charge of Mr. J. W. Nash as Grand Marshal. The procession formed on Hennepin avenue, between Fourth and Sixth streets, was headed by a police escort and band, followed by the grand and subordinate commanderies, the board and its invited guests, the granite cutters' union, local and visiting Masonic bodies and the Grand Lodge, and moved up Hennepin avenue to Tenth street, thence to Nicollet avenue, thence to Fifth street, thence to the building.

The building had been prepared for the occasion by the erection of an awning over the seats provided for the guests.

The ceremonies at the building were opened by an address of welcome delivered by the Hon. P. B. Winston, mayor of Minneapolis, after which the corner stone was laid by the Grand Master. The following deposit was made in a large sealed copper box placed under the corner stone:

Copies of all Minneapolis daily papers.

Copies of all weekly and monthly periodicals published in Minneapolis.

Annual reports of the secretary of the board of court house and city hall commissioners for 1889 and 1890.

Acts of legislature relating to organization of the board and its by-laws.

Statement of resources and liabilities of the board and cost of building to date.

The Minneapolis Journal Souvenir.

Minneapolis Illustrated, published by the board of trade.

Davison's Minneapolis city directory for 1890.

Hudson's dictionary of Minneapolis for 1891.

Charter, ordinances, rules, etc., of Minneapolis, two volumes.

Proceedings of the city council of Minneapolis for the year 1890.

Annual reports of Minneapolis city officers and boards for 1889 and 1890.

Financial statement of Hennepin county for the year 1890.

List of county commissioners of Hennepin county.

Eighth annual report of the chamber of commerce.

Copy of invitation to laying of corner stone.

After singing by the Masonic quartette, Mr. Frank F. Davis delivered the oration of the day, the Grand Master gave the benediction and the ceremony was over.

REPORT OF THE CLERK OF THE WORKS.

To the Honorable Board of Court House and City Hall Commissioners:

GENTLEMEN:—The following is a report of the progress of construction at the new court house during the year ending December 31, 1891:

Material used in court house and city hall for year ending November 30, 1891—

Granite, laid, cubic feet.....		65,000
Bedford stone, laid, cubic feet.....		15,000
Mankato stone, laid, cubic feet.....		36,000
Total.....		116,000
Brick, common, laid.....	2,650,000	
Brick, pressed, laid.....	92,000	
		2,742,000
Tile, three inch flue lining, square feet.....	3,000	
Tile, six inch floor arches, square feet.....	91,200	
Tile, five inch floor arches, square feet.....	22,500	
		116,700
Concrete on arches, cubic yards.....		2,000
Cast iron, set in place, pounds.....	762,000	
Steel beams, plates and tie rods, in place, pounds.....	502,500	
		1,264,500
On hand ready for the season of 1892—		
Granite, cubic feet.....		21,000
Brick, common.....	800,000	
Brick, pressed.....	18,000	
		818,000
Cast iron, pounds.....	40,000	
Steel beams, plates and tie rods.....	175,800	
		215,800
Crushed stone for concrete, cubic yards.....		500

As a part of the work is being done by the day, and under your supervision, a summary of the cost of prosecuting the same is herewith attached:

Erecting iron—		
Labor.....	\$806.71	
Raising.....	456.10	
Tools.....	92.51	
Planks.....	24.19	
		\$1,179.51
Amount of iron erected—		
Steel beams, pounds.....	430,726	
Cast iron, pounds.....	248,997	
Rods and connections, pounds.....	58,067	
Two girders, pounds.....	44,155	
		781,945
Window frames—		
Labor, making and setting.....	\$569.28	
Lumber.....	464.75	
Mill work.....	33.85	
Hardware.....	20.00	
		\$1,087.88
Number of frames—		
Single.....	218	
Mullion.....	176	
		394
Painting —		
Labor.....	\$176.00	
Material.....	100.60	
		\$276.60
Number of yards painting—		
Of iron.....	3.084	
Of wood work.....	7.88	
		3.872
Corner stone ceremony—		
Lumber.....	\$53.20	
Labor.....	30.00	
Copper box.....	8.73	
Nails.....	2.00	
		\$93.93
Stairways—		
Lumber.....	\$38.77	
Labor.....	10.00	
Nails.....	.65	
		\$49.42
Filling around foundation—		
One-hundred loads of earth.....		\$10.00
Covering columns—		
Labor.....	\$3.00	
Lumber.....	1.05	
		\$4.05

RECAPITULATION.

Erecting iron—	
Steel and cast, 391 tons @ \$3.01.....	\$1,179.51
Window frames—	
Material and labor, 394 frames @ \$2.76	1,087.88
Painting—	
Material and labor, 3,872 yards @ 7 1-10 cents.....	278.60
Corner stone ceremony—	
Material and labor.....	93.93
Stairways—	
Material and labor.....	49.42
Filling around foundation—	
One-hundred loads of earth....	10.00
Covering columns—	
Material and labor.....	4.05
	<hr/>
Total cost of work at building.....	\$2,701.39

In the schedule submitted, where you have let iron work by contract, the cost of erection is placed at \$5.00 per ton for cast iron, and \$4.50 for wrought iron; painting ten cents per yard.

The price of the tools used has been included in the cost of erection. These tools are still on hand, and, with a few minor exceptions are as good as new.

Respectfully submitted,
OLIVER T. ERICKSON,
Clerk of the Works.

Minneapolis, Minn., Dec. 31, 1891.

ANNUAL REPORT
CITY ASSESSOR.
1891.

DEPARTMENT OF CITY ASSESSOR.

J. C. PLUMMER, City Assessor.

DEPUTIES.

W. W. WOODWARD,
S. L. WHITE,
T. BOHAN,
A. L. BURNHAM,
WILLIAM CHENEY,
J. G. PALMER,
C. P. HILLSTAD,
H. H. GOODRICH,
HERMAN SHOL,

W. B. JONES,
C. F. SMITH,
B. C. GIBBONS,
DWIGHT CRANDALL,
L. E. WEITZEL,
LEWIS MAISH,
HENRY ENGER,
H. T. NESS,
O. D. JONES,

CLERKS.

MISS H. M. PLUMMER,

MISS LILLIAN WILLIAMS.

ANNUAL REPORT
OF THE
CITY ASSESSOR.

MINNEAPOLIS, Jan. 6, 1892.

To the Honorable City Council.

GENTLEMEN:—In accordance with your instructions, I have the honor to present my third annual report of the administration of this department for the year ending December 31st, 1891.

Only the new buildings and the personal property were subject to assessment for this year according to the assessment laws of the state.

All the property in the city, both real and personal, will be assessed in 1892. I have not found it necessary at this time to go into elaborate comparisons either with former years or with other localities. In Schedule A of this report, you will find the personal assessment as originally made by this department to be \$19,613,283; as equalized by the city board of equalization, \$19,527,468, and as finally equalized by the state board of equalization, \$19,555,739, being a reduction from the original assessment of \$57,544. The total valuation of personal property, after the exemptions allowed by law of \$100.00 on each individual assessment, is \$18,351,439. The total number of personal assessments is 13,553, being an increase of 912 over the assessment of 1890, and of \$230,004 in amount. The assessment for the new improvements was \$1,994,935. Buildings destroyed or removed, \$275,000, leaving net improvements of \$1,619,935. No change was made by the boards of equalization in the valuation of any improvement. The number of assessments for improvements is 1,461, representing at least 1,700 new buildings erected during the year. I respectfully refer you to Schedules A and B of this report for detailed abstracts of the foregoing summaries.

The increase in the number of personal assessments of about seven per cent. indicate a considerable increase of population.

The number of new buildings erected, while not as large as in some former years, is gratifying as showing the continual growth of the city during a period that has not been marked by great activity.

DISBURSEMENTS.

The expenses of the department have been as follows:

Salaries	\$8,728.01
Blank books	285 50
Printing and stationery	229.96
Livery	125.00
Incidental expenses	93.35
Board of equalization	570.00
Total	<u>\$10,031.82</u>
Appropriation	<u>\$10,050.00</u>
Balance unexpended	\$18.18

CONCLUSION.

I very cheerfully renew my acknowledgments to the council as a body and individually, and to the tax committee for the unvarying kindness and courtesy with which I have always been treated in the discharge of my duties; also to my deputies and clerks, for the able and diligent manner in which they have assisted me in the performance of the duties of this department.

Yours very respectfully,

J. C. PLUMMER.

SCHEDULE A.
ABSTRACT OF PERSONAL ASSESSMENT OF 1891.

	First ward.	Second ward.	Third ward.	Fourth ward.	Fifth ward.	Sixth ward.	Seventh ward.	Eighth ward.	Ninth ward.	Tenth ward.	Eleventh ward.	Twelfth ward.	Thirteenth ward.	Total.
Total value after the \$100 exemption is deducted. dollars.....	577,573	936,205	1,546,249	8,165,853	4,474,756	517,551	151,490	714,193	342,476	342,570	300,948	174,388	104,185	\$18,351,430
Total value as equalized by the state board. dollars.....	630,775	1,024,205	1,685,249	8,396,253	4,677,156	566,151	230,190	888,603	382,276	363,670	377,548	202,488	129,085	19,555,739
Total value as equalized by the city board. dollars.....	630,443	1,004,070	1,684,693	8,394,338	4,675,419	564,870	230,175	888,660	382,210	363,670	377,460	202,385	129,075	19,527,468
Assessed value of all property included in the thirty items, dofs.....	663,103	960,910	1,691,388	8,443,833	4,081,504	554,330	228,375	867,705	353,820	362,920	344,340	290,505	127,530	19,613,283
1. Horses, mules and asses—														
One year old, number.....	2	.....	3	5	2	.....	3	9	5	7	.....	3	3	42
value in dollars.....	70	.....	60	390	125	.....	110	485	150	270	.....	95	70	\$1,825
Two years old, number.....	14	3	5	13	6	12	8	15	17	.....	.....	3	1	97
value in dollars.....	940	90	160	775	350	670	350	700	865	.....	.....	75	75	85,050
Three years old and over, number.....	754	821	1,507	1,914	1,285	426	493	1,022	468	347	521	331	224	10,113
value in dollars.....	54,645	54,300	95,085	138,370	98,585	26,025	24,615	65,115	25,525	20,610	31,090	17,185	14,415	665,565
2. Cattle—														
One year old, number.....	13	.....	1	.....	3	.....	3	4	2	.....	.....	14	12	52
value in dollars.....	190	.....	10	.....	35	.....	40	60	150	.....	.....	140	135	\$760
Two years old, number.....	15	1	2	.....	1	2	1	3	8	.....	.....	2	11	46
value in dollars.....	310	10	30	.....	15	100	5	55	220	.....	.....	60	170	\$975
Cows, number.....	236	155	171	222	169	20	432	169	249	128	38	671	236	2,834
value in dollars.....	5,240	2,500	3,025	4,760	2,535	305	7,560	3,745	3,670	1,985	685	12,065	5,660	\$33,735
Working oxen, number.....	.....	15	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....	2
value in dollars.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$30
All other cattle 3 years old and over, number.....	3	.....	.....	3	.....	3	.....	.....	.....	.....	.....	1	2	132
All other cattle 3 years old and over, value in dollars.....	150	.....	.....	60	.....	60	.....	.....	.....	.....	.....	25	230	\$425
3. Sheep of all ages, number.....	1	.....	.....	.....	1	.....	.....	3	6	.....	.....	.....	.....	11
value in dollars.....	5	.....	.....	.....	5	.....	11	5	15	.....	.....	.....	.....	\$30
4. Hogs of all ages, number.....	3	1	.....	5	.....	.....	.....	3	.....	9	.....	29	23	84
value in dollars.....	.....	20	.....	25	.....	.....	55	20	.....	35	.....	120	125	\$410
5. Wagons and carriages, number.....	521	725	1,334	1,006	1,319	362	440	1,102	307	372	458	331	227	9,584
value in dollars.....	21,490	34,315	38,000	108,160	87,500	14,023	10,890	43,140	11,785	7,645	14,055	7,700	7,080	\$406,775
6. Sewing and knitting machines, No. value in dollars.....	304	541	746	1,201	1,040	150	525	1,137	204	109	415	196	176	6,744
value in dollars.....	4,325	6,795	8,705	17,480	13,645	2,270	7,635	16,155	2,590	1,395	5,103	2,365	2,395	\$91,035
7. Watches and clocks, number.....	153	759	456	1,818	1,710	100	471	1,532	178	53	335	126	180	7,877
value in dollars.....	2,910	13,490	6,050	33,065	32,380	1,130	4,915	22,625	1,840	870	3,480	1,390	2,640	\$120,825

8. Melodeons and organs, number...	45	1,080	69	142	114	114	3,570	77	1,955	56	2,100	164	173	65	37	1,020	122	55	1,490	42	1,475	1,160
value in dollars	126	365	1,805	316	4,110	718	739	739	60,680	77	7,405	156	639	85	40	2,930	234	41	3,525	58	3,594	833,605
9. Piano fortes, number.																						
value in dollars																						
10. Household & other furn. val. in dols	10,505	40,015		25,200	75,630				60,680		7,405	14,010	59,585	7,525	2,930	2,930	20,505	3,525	5,750		5,750	8342,265
11. Agricultural tools, implements & machinery, value in dollars	66,215	135,990		141,820	535,480				566,340		30,065	71,845	304,485	27,980	18,965	18,965	90,665	23,060	33,745		33,745	2,046,585
12. Gold and silver plate and plated ware, value in dollars	500	90		1,455	615				380		205	190	705	730	115	115	10	540	400		400	5,935
13. Diamonds and jewelry, val. in dols	430	2,430		430	11,605				0,800		255	635	4,930	225	175	175	975	200	380		380	32,470
14. Franchises, annuities, royalties and pat. rights, val. in dols.	2,280	3,800		785	21,175				14,700		185	320	4,070	65	290	290	330	80	410		410	48,560
15. Steamboats sailing vessels, wharf boats, barges, etc., val in dols.											50	5	250								116,560	
16. Goods and mdse., value in dols.				20	5,285				15			100	1,285					25	755		755	7,485
17. Manufacturer's materials, and manuf'd articles, value in dollars	119,890	95,075		433,515	1,998,805				575,855		221,915	18,820	41,985	62,080	12,750	12,750	56,350	8,200	6,240		6,240	3,651,480
18. Manufacturers tools, implements & machinery, including engines & boilers, value in dollars	81,150	186,805		111,520	159,285				335,265		41,090	1,000	8,675	140,200	184,330	184,330	16,210	36,495	1,000		1,000	1,303,115
19. Moneys of banks, bankers, brokers or stock jobbers, val. in dols.	14,290	43,110		41,905	130,245				61,865		29,480	550	7,055	5,760	3,235	3,235	2,910	6,655	500		500	347,560
20. Credits of banks, bankers, brokers or stock jobbers, val. in dols.	310	275		2,920	18,745				25,615		275	1,140	9,425	100			900	450	1,000		1,000	61,155
21. Moneys other than banks, bankers, brokers or st'k job'rs, val. in dols	4,700	1,500		2,020	3,465				6,785		550	1,075	400	175	500	500	1,000		660		660	22,830
22. Credits other than banks, bankers, brokers or st'k job'rs, val. in dols	5,680	3,790		32,625	268,600				240,645		10,825	575	6,925	1,915	10,700	10,700	3,500	200	225		225	586,205
23. Bonds and stocks other than bank stocks, value in dollars	114,935	115,610		162,965	1,340,150				613,710		42,300	49,930	230,415	54,670	92,740	92,740	87,420	61,655	38,865		38,865	3,008,475
24. Shares of bank stock, val. in dols.	5,600	1,750		400	301,875				12,035		30,445	1,600	1,080		1,500	1,500	150	100,000			457,335	
25. Shares of stock of companies and associations not incorporated by the state, value in dollars	134,918			45,498	2,883,063				1,776,029		87,770						34,515					4,911,793
26. Stock & furn. of sample rooms, saloon & eating houses, including billiard, bagetelle and similar tables, value in dollars											25		200								4,640	
27. All other property not included in the preceding 26 items, val. dols	6,645	3,685		11,110	79,090				34,750		12,015	200	650	1,325			1,775	2,060	200		200	153,535
28. Elevators, warehouses & improvements on lands of any R. R. Co., value in dollars	2,530	33,365		519,255	301,050				98,090		35,675	4,890	25,705	1,275	590	590	9,230	1,520	2,545		2,545	1,035,710
29. Improvements on lands held under law of the U. S., value in dols											6,700										186,425	
31. All dogs over 6 months of age, No. value in dollars	172	135		349	307				217		10	90	322	83	74		47	25	28		28	1,941
	885	690		1,720	1,955				1,435		195	480	2,070	620	370	370	250	140	485		485	\$11,215
No. of assessments exclusive of firms.	532	890		1,390	2,324				2,024		496	757	1,745	398	211	211	766	281	249		249	12,043
No. of assessments of firms	87	67		155	627				296		92	12	41	37	17	17	56	18	5		5	1,510
Total number of assessments	619	947		1,545	2,951				2,320		578	769	1,786	435	228	228	822	290	254		254	13,553

SCHEDULE "B."

WARDS.	Assessments of improve- ments 1891.		Assessment of buildings. 1891.		
	Value of im- provements made since last assess- ment.	Value of im- provements destroyed since last assessment.	Lands.	Lots.	Total.
	Dollars.	Dollars.			
First.....	107,200	10,000	2	101	103
Second.....	140,500	55,750	1	121	122
Third.....	177,500	17,400	2	172	174
Fourth.....	452,895	88,050	.....	125	125
Fifth.....	227,425	2,300	.....	62	62
Sixth.....	76,900	1,400	.....	49	49
Seventh.....	71,500	12,700	.....	104	104
Eighth.....	309,900	31,550	1	228	227
Ninth.....	130,450	18,000	4	133	137
Tenth.....	115,600	18,650	10	153	163
Eleventh.....	79,915	5,250	.....	72	72
Twelfth.....	46,900	6,950	3	59	62
Thirteenth.....	49,250	7,000	1	60	61
Total... ..	1,949,935	275,000	24	1,437	1,461

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